

Ὀλύμπια Δώματα 756. a 5

O R, A N  
ALMANACK

For the YEAR of 1755. 73  
Our LORD GOD,

Being the third after BISSEXTILE, or  
LEAP-YEAR.

And from the World's Creation, 5759.

Wherein is contained the Lunations, Conjunctions, Aspects, and Effects of the Planets; the Increase, Decrease, and Length of the Days and Nights; with the Rising, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are seen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

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*Heaven's Volumes are epitomized here.  
To shew th' exact Description of the Year.*

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By TYCHO WING, *Philomath.*

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L O N D O N :

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S T A T I O N E R S.

*Ephemerides K.*

# Common Notes for the YEAR 1755.

|                     |    |
|---------------------|----|
| Golden Number       | 8  |
| Epa&t               | 17 |
| Cycle of the Sun    | 23 |
| Dominical Letter    | E  |
| Roman Indiction     | 3  |
| Number of Direction | 9  |

## A TABLE of TERMS and their RETURNS.

Hilary-Term begins *Jan. 23*, ends *Feb. 12*.

| Returns or Effoign-days.  |                | Exc. | Ret. | Ap. | W. D.   |
|---|----------------|------|------|-----|---------|
| In eight days of <i>St. Hilary</i> ,                            | <i>Jan. 20</i> | 21   | 22   | 23  | Thursd. |
| From the day of <i>St. Hilary</i> in 15 days,                   | 27             | 28   | 29   | 30  | Thursd. |
| On the morrow of the Purif. Blessed <i>Mary</i> , <i>Feb. 3</i> | 4              | 5    | 6    |     | Thursd. |
| In eight days of the Purif. of Blessed <i>Mary</i> ,            | 9              | 10   | 11   | 12  | Wedn.   |

Easter-Term begins *April 16*, ends *May 12*.

|                                    |                 |    |    |    |       |
|------------------------------------|-----------------|----|----|----|-------|
| From the day of Easter in 15 days, | <i>April 13</i> | 14 | 15 | 16 | Wedn. |
| From the day of Easter in 3 weeks, | 20              | 21 | 22 | 23 | Wedn. |
| From the day of Easter in 1 month, | 27              | 28 | 29 | 30 | Wedn. |
| From the day of Easter in 5 weeks, | <i>May 4</i>    | 5  | 6  | 7  | Wedn. |
| On the morrow of the Ascension,    | 9               | 10 | 11 | 12 | Mond. |

Trinity-Term begins *May 30*, ends *June 18*.

|  |               |    |    |    |         |
|--|---------------|----|----|----|---------|
| On the morrow of the holy Trinity,       | <i>May 26</i> | 27 | 28 | 30 | Friday. |
| In eight days of the holy Trinity,       | <i>June 1</i> | 2  | 3  | 4  | Wedn.   |
| From the day of holy Trinity in 15 Days, | 8             | 9  | 10 | 11 | Wedn.   |
| From the day of holy Trinity in 3 Weeks, | 15            | 16 | 17 | 18 | Wedn.   |

Michaelmas-Term begins *Nov. 6*, ends *Nov. 28*.

|                                      |               |    |    |    |         |
|--------------------------------------|---------------|----|----|----|---------|
| On the morrow of <i>All Souls</i> ,  | <i>Nov. 3</i> | 4  | 5  | 6  | Thursd. |
| On the morrow of <i>St. Martin</i> , | 12            | 13 | 14 | 15 | Saturd. |
| In eight days of <i>St. Martin</i> , | 18            | 19 | 20 | 21 | Friday. |
| In 15 days of <i>St. Martin</i> ,    | 25            | 26 | 27 | 28 | Friday. |

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

*Note*, That the first and last Days of every Term, are the first and last Days of Appearance.

# W I N G 1755.

## The Regal Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin Jan. 1. Length of each Reign, accountin.<sup>28</sup> D. a Month. Number of Years expired since they began to Reign.

| Kings Names   | began to reign | Y.                            | M. | D. | Reg | Kings Names  |   |
|---------------|----------------|-------------------------------|----|----|-----|--------------|---|
| William I.    | 1066 Oct. 14   | 20                            | 11 | 22 | 689 | William      | 1 |
| William II.   | 1087 Sept. 9   | 12                            | 11 | 18 | 668 | William      | 2 |
| Henry I.      | 1100 Aug. 1    | 35                            | 4  | 12 | 654 | Henry        | 1 |
| Stephen       | 1135 Dec. 2    | 18                            | 11 | 19 | 620 | Stephen      |   |
| Henry II.     | 1154 Oct. 25   | 34                            | 9  | 2  | 601 | Henry        | 2 |
| Richard I.    | 1189 July 6    | 9                             | 9  | 22 | 566 | Richard      | 1 |
| John          | 1199 April 6   | 17                            | 7  | 1  | 556 | John         |   |
| Henry III.    | 1216 Oct. 19   | 56                            | 1  | 1  | 539 | Henry        | 3 |
| Edward I.     | 1272 Nov. 16   | 34                            | 8  | 9  | 483 | Edward       | 1 |
| Edward II.    | 1307 July 7    | 19                            | 7  | 6  | 448 | Edward       | 2 |
| Edward III.   | 1327 Jan. 25   | 50                            | 5  | 7  | 428 | Edward       | 3 |
| Richard II.   | 1377 June 21   | 22                            | 3  | 16 | 478 | Richard      | 2 |
| Henry IV.     | 1399 Sept. 29  | 13                            | 6  | 4  | 356 | Henry        | 4 |
| Henry V.      | 1413 Mar. 20   | 9                             | 5  | 24 | 342 | Henry        | 5 |
| Henry VI.     | 1422 Aug. 31   | 38                            | 6  | 17 | 333 | Henry        | 6 |
| Edward IV.    | 1461 Mar. 4    | 22                            | 1  | 8  | 294 | Edward       | 4 |
| Edward V.     | 1483 April 9   | 0                             | 2  | 18 | 272 | Edward       | 5 |
| Richard III.  | 1483 June 22   | 2                             | 2  | 5  | 272 | Richard      | 3 |
| Henry VII.    | 1485 Aug. 22   | 23                            | 8  | 19 | 270 | Henry        | 7 |
| Henry VIII.   | 1509 Apr. 22   | 37                            | 10 | 1  | 246 | Henry        | 8 |
| Edward VI.    | 1547 Jan. 28   | 6                             | 5  | 19 | 208 | Edward       | 6 |
| Q. Mary I.    | 1553 July 6    | 5                             | 4  | 22 | 202 | Q. Mary      | 1 |
| Q. Elizabeth  | 1558 Nov. 17   | 44                            | 4  | 15 | 197 | Q. Elizabeth |   |
| James I.      | 1603 Mar. 24   | 22                            | 0  | 3  | 152 | James        | 1 |
| Charles I.    | 1625 Mar. 27   | 23                            | 11 | 1  | 130 | Charles      | 1 |
| Charles II.   | 1649 Jan. 30   | 36                            | 0  | 7  | 106 | Charles      | 2 |
| James II.     | 1685 Feb. 6    | 4                             | 0  | 17 | 70  | James        | 2 |
| Will. 3. & M. | 1689 Feb. 13   | 13                            | 0  | 14 | 66  | William      | 3 |
| Q. Anne       | 1702 Mar. 8    | 12                            | 5  | 6  | 53  | Q. Anne      |   |
| George I.     | 1714 Aug. 1    | 12                            | 11 | 6  | 41  | K. George    | 1 |
| George II.    | 1727 June 11   | Whom God grant long to reign. |    |    |     |              |   |

A Table of the Moon's Southing, of excellent Use to find the Time of *High-Water*, and Hour of the Night, for the first six Months of this present Year 1755.

| Days | Jan.  |      | Feb.  |      | March |      | April |      | May   |      | June  |      |
|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|      | h.    | m.   | h.    | m.   | h.    | m.   | h.    | m.   | h.    | m.   | h.    | m.   |
| 1    | 2     | M 15 | 3     | M 34 | 2     | M 13 | 3     | M 51 | 4     | M 35 | 5     | M 46 |
| 2    | 3     | 10   | 4     | 25   | 3     | 10   | 4     | 49   | 5     | 27   | 6     | 32   |
| 3    | 4     | 1    | 5     | 16   | 4     | 5    | 5     | 41   | 6     | 18   | 7     | 11   |
| 4    | 4     | 54   | 6     | 8    | 4     | 57   | 6     | 32   | 7     | 8    | 7     | 57   |
| 5    | 5     | 44   | 7     | 0    | 5     | 52   | 7     | 27   | 7     | 51   | 8     | 40   |
| 6    | 6     | 35   | 7     | 46   | 6     | 45   | 8     | 13   | 8     | 36   | 9     | 23   |
| 7    | 7     | 29   | 8     | 48   | 7     | 40   | 9     | 2    | 9     | 18   | 10    | 6    |
| 8    | 8     | 19   | 9     | 42   | 8     | 32   | 9     | 47   | 9     | 58   | 10    | 53   |
| 9    | 9     | 14   | 10    | 32   | 9     | 22   | 10    | 29   | 10    | 42   | 11    | 39   |
| 10   | 10    | 9    | 11    | 22   | 10    | 7    | 11    | 9    | 11    | 25   | 0     | A 28 |
| 11   | 11    | 2    | 0     | A 10 | 10    | 54   | 11    | 55   | 0     | A 8  | 1     | 19   |
| 12   | 11    | 56   | 0     | 54   | 11    | 37   | 0     | A 37 | 0     | 55   | 2     | 13   |
| 13   | 0     | A 48 | 1     | 40   | 0     | A 26 | 1     | 22   | 1     | 43   | 3     | 4    |
| 14   | 1     | 36   | 2     | 24   | 1     | 16   | 2     | 6    | 2     | 36   | 3     | 54   |
| 15   | 2     | 24   | 3     | 7    | 1     | 51   | 2     | 53   | 3     | 25   | 4     | 47   |
| 16   | 3     | 10   | 3     | 48   | 2     | 33   | 3     | 40   | 4     | 20   | 5     | 38   |
| 17   | 3     | 53   | 4     | 32   | 3     | 18   | 4     | 31   | 5     | 11   | 6     | 30   |
| 18   | 4     | 34   | 5     | 14   | 4     | 3    | 5     | 23   | 6     | 3    | 7     | 21   |
| 19   | 5     | 17   | 6     | 2    | 4     | 49   | 6     | 15   | 6     | 58   | 8     | 11   |
| 20   | 5     | 58   | 6     | 51   | 5     | 40   | 7     | 9    | 7     | 49   | 9     | 9    |
| 21   | 6     | 44   | 7     | 44   | 6     | 29   | 8     | 5    | 8     | 41   | 10    | 4    |
| 22   | 7     | 28   | 8     | 35   | 7     | 27   | 8     | 58   | 9     | 35   | 11    | 2    |
| 23   | 8     | 16   | 9     | 35   | 8     | 26   | 9     | 52   | 10    | 31   | 11    | 5    |
| 24   | 9     | 7    | 10    | 32   | 9     | 23   | 10    | 49   | 11    | 27   | Morn. |      |
| 25   | 10    | 0    | 11    | 30   | 10    | 19   | 11    | 45   | Morn. |      | 0     | 4    |
| 26   | 10    | 57   | Morn. |      | 11    | 13   | Morn. |      | 0     | 26   | 1     | 4    |
| 27   | 11    | 54   | 0     | 26   | Morn. |      | 0     | 45   | 1     | 25   | 2     | 4    |
| 28   | Morn. |      | 1     | 20   | 0     | 7    | 1     | 44   | 2     | 22   | 3     | 3    |
| 29   | 0     | 48   |       |      | 1     | 2    | 2     | 42   | 3     | 18   | 4     | 1    |
| 30   | 1     | 44   |       |      | 1     | 57   | 3     | 41   | 4     | 10   | 5     |      |
| 31   | 2     | 37   |       |      | 2     | 55   |       |      | 5     | 3    |       |      |

*Note,* The Moon, or any Star, is said to be South, when they appear in that Quarter of the Firmament in which the Sun is at Noon-day, which for the Moon this Table will direct.



A Table of the Moon's Southings, of excellent Use to find the Time of *High-Water*, and Hour of the Night, for the last six Months of the present Year 1755.

| Day of the Year | July  |      | August |      | Sept. |      | Octob. |      | Nov.  |      | Dec.  |     |
|-----------------|-------|------|--------|------|-------|------|--------|------|-------|------|-------|-----|
|                 | h.    | m.   | h.     | m.   | h.    | m.   | h.     | m.   | h.    | m.   | h.    | m.  |
| 1               | 5     | 50   | 6      | 35   | 7     | 40   | 8      | 18   | 9     | 44   | 10    | 8   |
| 2               | 6     | 34   | 7      | 21   | 8     | 35   | 9      | 11   | 10    | 40   | 11    | 6   |
| 3               | 7     | 15   | 8      | 9    | 9     | 30   | 10     | 7    | 11    | 33   | 0     | A 5 |
| 4               | 7     | 56   | 8      | 56   | 10    | 24   | 11     | 1    | 0     | A 31 | 1     | 0   |
| 5               | 8     | 41   | 9      | 49   | 11    | 18   | 11     | 56   | 1     | 30   | 2     | 1   |
| 6               | 9     | 30   | 10     | 43   | 0     | A 10 | 0      | A 50 | 2     | 29   | 3     | 0   |
| 7               | 10    | 19   | 11     | 36   | 1     | 7    | 1      | 46   | 3     | 29   | 3     | 55  |
| 8               | 11    | 8    | 0      | A 30 | 2     | 1    | 2      | 45   | 4     | 26   | 4     | 48  |
| 9               | 11    | 58   | 1      | 24   | 2     | 56   | 3      | 41   | 5     | 22   | 5     | 38  |
| 10              | 0     | A 52 | 2      | 17   | 3     | 47   | 4      | 39   | 6     | 12   | 6     | 23  |
| 11              | 1     | 45   | 3      | 11   | 4     | 45   | 5      | 36   | 7     | 3    | 7     | 7   |
| 12              | 2     | 40   | 4      | 3    | 5     | 41   | 6      | 30   | 7     | 48   | 7     | 50  |
| 13              | 3     | 31   | 5      | 3    | 6     | 38   | 7      | 25   | 8     | 32   | 8     | 30  |
| 14              | 4     | 23   | 5      | 50   | 7     | 33   | 8      | 14   | 9     | 16   | 9     | 11  |
| 15              | 5     | 16   | 6      | 44   | 8     | 26   | 9      | 2    | 9     | 58   | 9     | 50  |
| 16              | 6     | 4    | 7      | 39   | 9     | 20   | 9      | 46   | 10    | 39   | 10    | 40  |
| 17              | 6     | 59   | 8      | 35   | 10    | 8    | 10     | 31   | 11    | 23   | 11    | 27  |
| 18              | 7     | 54   | 9      | 30   | 10    | 58   | 11     | 14   | Morn. |      | Morn. |     |
| 19              | 8     | 48   | 10     | 24   | 11    | 42   | 11     | 57   | 0     | 9    | 0     | 14  |
| 20              | 9     | 46   | 11     | 17   | Morn. |      | Morn.  |      | 0     | 54   | 1     | 1   |
| 21              | 10    | 43   | Morn.  |      | 0     | 24   | 0      | 41   | 1     | 40   | 1     | 52  |
| 22              | 11    | 40   | 0      | 5    | 1     | 9    | 1      | 22   | 2     | 28   | 2     | 41  |
| 23              | Morn. |      | 0      | 52   | 1     | 54   | 2      | 7    | 3     | 16   | 3     | 31  |
| 24              | 0     | 31   | 1      | 38   | 2     | 36   | 2      | 53   | 4     | 3    | 4     | 25  |
| 25              | 1     | 24   | 2      | 23   | 3     | 22   | 3      | 41   | 4     | 53   | 5     | 12  |
| 26              | 2     | 12   | 3      | 6    | 4     | 6    | 4      | 30   | 5     | 49   | 6     | 1   |
| 27              | 2     | 58   | 3      | 52   | 4     | 53   | 5      | 21   | 6     | 40   | 6     | 51  |
| 28              | 3     | 43   | 4      | 32   | 5     | 41   | 6      | 12   | 7     | 29   | 7     | 44  |
| 29              | 4     | 23   | 5      | 18   | 6     | 32   | 7      | 6    | 8     | 21   | 8     | 39  |
| 30              | 5     | 7    | 6      | 2    | 7     | 45   | 7      | 57   | 9     | 14   | 9     | 35  |
| 31              | 5     | 49   | 6      | 49   |       |      | 8      | 50   |       |      | 10    | 34  |

you; and for the Planets and most remarkable fix'd Stars. their Southings are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

# W I N G 1755.

*The Use of the preceding TABLE of the Moon's Southing, to find the Time of High-Water, and Hour of the Night.*

## I. To find the Time of High-Water in most Ports of E N G L A N D.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea-Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

| A TABLE of the Sea-Coasts.                                   | H. M. |
|--|-------|
| <i>Portsmouth, Queenborough, Southampton,</i>                | 0 00  |
| <i>Rochester, Winchelsea, Flushing,</i>                      | 0 45  |
| <i>Downs, Gravesend, Ramkins, Guernsey,</i>                  | 1 30  |
| <i>Denbigh, Bell-Isle, Holy-Isle, Downs-Road,</i>            | 2 15  |
| <i>London, Tinmouth, Whitby, Hartlepool,</i>                 | 3 00  |
| <i>Scarborough, Berwick, Flushing, Staples,</i>              | 3 45  |
| <i>Flamborough, Humber, Bridlington-Bay,</i>                 | 4 30  |
| <i>Plymouth, Ramsey, Newcastle, Severn,</i>                  | 5 15  |
| <i>Lynn, Fojdyke, Hull, Weymouth, Dartmouth, Cross-keys,</i> | 6 00  |
| <i>Boston, Start-Point, Foulness, Bristol-Key,</i>           | 6 45  |
| <i>Bridgewater, Milford-Haven, Lizard, Wintertown,</i>       | 7 30  |
| <i>Yarmouth, Isle of White, the Needles,</i>                 | 8 15  |
| <i>Isle of Man, Orkney, Pool, South-Foreland,</i>            | 9 10  |
| <i>Dover, Harwich, Orfordness, Bullein,</i>                  | 10 10 |
| <i>Rye, Solebay, Margate-Road,</i>                           | 11 15 |

## II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing, leaves the Time of Night. *Note,* You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.

# The Kalendar explain'd.

## The Left-hand Pages contain at Top

The New and Full Moons with their Quarters; also the Rising and Setting of *Jupiter* and *Venus* to every fifth Day.

## Below which are seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked with the Dominical Letter for the Year.

The third Column contains the Fasts and Festivals of the Church of England, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of *London*.

The seventh contains the Planets Mutual Aspects and Variation of the Air.

## On the Tops of the Right-hand Pages

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 5th Day of the Month.

## Below which

Are four other Columns. The first is the Days of the Month.

The second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

*Note.* You have the Longitude and Declination of *Mercury*, in the Page after *December*.

# January 1755.

Last Quarter the 5th day, at 1 in the aftern

New Moon the 12th day, at 1 in the aftern.

First Quarter the 20th day, at noon.

Full Moon the 28th day, at 3 in the morn.

| Days | Jupiter<br>rises. | Venus<br>sets. |
|------|-------------------|----------------|
| 1    | 9A 57             | 5A 52          |
| 6    | 9 35              | 5 27           |
| 11   | 9 13              | 4 57           |
| 16   | 8 50              | 4 25           |
| 21   | 8 28              | rises.         |
| 26   | 8                 | 5M 54          |

| M<br>D | W<br>D | Holy Days<br>☉ rises & sets. | Moon<br>rises. | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather. |
|--------|--------|------------------------------|----------------|------------------|-------------------|-------------------------|
| 1      | W      | Circumcision                 | 7 A 48         | 18 Ω 8           | 12 N 4            | ☐ 4 ♀                   |
| 2      | T      | Sun rise 8 15                | 9 5            | 2 ♄ 5            | 8 22              | Δ 1 ♀                   |
| 3      | F      | Sun set 3 45                 | 10 21          | 16 6             | 4 10              | Frosty Air at the       |
| 4      | S      |                              | 11 40          | 0 ♄ 9            | 0 S 17            | Beginning.              |
| 5      | E      | 2 S. aft. Chris.             | Morn.          | 14 12            | 4 42              | Old Christ. Day         |
| 6      | M      | Epiphany                     | 0 55           | 28 17            | 8 51              |                         |
| 7      | T      | Cl. fast 7 m.                | 2 9            | 12 ♄ 21          | 12 31             | ♂ ♂ ♀                   |
| 8      | W      | Lucian                       | 3 24           | 26 25            | 15 26             | Wind and Rain           |
| 9      | T      | Day inc. 19 m                | 4 36           | 10 ♄ 25          | 17 27             | Δ 0 ♀                   |
| 10     | F      | Sts. Eliz. bor.              | 5 41           | 24 19            | 18 24             | ♂ 0 ♀                   |
| 11     | S      |                              | 6 40           | 8 ♄ 21           | 18 14             | may be expected         |
| 12     | E      | 1 S. aft. Epip.              | D sets.        | 21 31            | 17 6              | about this Time.        |
| 13     | M      | Sun. rise 8 5                | 5 A 33         | 4 ♄ 42           | 15 1              |                         |
| 14     | T      | Sun set 3 55                 | 6 39           | 17 35            | 12 16             | ♂ 0 ♀                   |
| 15     | W      | Cl. fast 10 m                | 7 48           | 0 ♄ 10           | 8 58              | Cold Winds with         |
| 16     | T      | Day br. 5 52                 | 8 53           | 12 27            | 5 23              | frosty Air, per-        |
| 17     | F      |                              | 9 56           | 24 31            | 1 36              | haps Snow.              |
| 18     | S      | Prisca Virg.                 | 10 59          | 6 ♄ 24           | 2 N 8             |                         |
| 19     | E      | 2 S. aft. Epip.              | Morn.          | 18 13            | 5 47              |                         |
| 20     | M      | Sun rise 7 55                | 0 3            | 0 ♄ 1            | 9 13              | ♂ 1 ♀                   |
| 21     | T      | Sun set 4 5                  | 1 6            | 11 55            | 12 17             |                         |
| 22     | W      | Vincent                      | 2 10           | 24 0             | 14 53             | Wet and windy,          |
| 23     | T      | Term begins                  | 3 12           | 6 ♄ 20           | 16 52             | with Snow or            |
| 24     | F      | Cl. fast 13 m.               | 4 11           | 19 0             | 18 5              | ♂ 1 ♀                   |
| 25     | S      | Con. St Paul                 | 5 7            | 2 ♄ 21           | 18 23             | Sleet.                  |
| 26     | E      | Septuagesim                  | 5 56           | 15 26            | 17 42             |                         |
| 27     | M      |                              | 6 42           | 29 12            | 15 59             | Δ 1 ♀                   |
| 28     | T      | Sun rise 7 42                | D rises        | 13 Ω 1           | 13 16             | More mild at the        |
| 29     | W      | Sun set 4 10                 | 6 A 37         | 27 33            | 9 44              | End.                    |
| 30     | T      | K. Ch. J. M.                 | 7 55           | 11 ♄ 5           | 5 25              |                         |
| 31     | F      |                              | 9 16           | 26 25            | 1 6               |                         |



| Wing.          | Days | Saturn. |         |      | Jupiter. |         |      | Mars. |         |    | Venus. |         |    |    |      |      |    |
|----------------|------|---------|---------|------|----------|---------|------|-------|---------|----|--------|---------|----|----|------|------|----|
|                |      | W       | Declin. |      | W        | Declin. |      | W     | Declin. |    | W      | Declin. |    |    |      |      |    |
| Janu.<br>1755. | 1    | 18      | 35      | 22 S | 6        | 18      | 39   | 5 N   | 39      | 21 | 34     | 23 S    | 38 | 0  | 47   | 17 S | 23 |
|                | 6    | 19      | 11      | 22   | 1        | 18      | R 38 | 5     | 41      | 25 | 15     | 23      | 52 | 28 | W 46 | 16   | 34 |
|                | 11   | 19      | 46      | 21   | 57       | 18      | 33   | 5     | 44      | 28 | 57     | 24      | 0  | 26 | 0    | 15   | 53 |
|                | 16   | 20      | 22      | 21   | 52       | 18      | 33   | 5     | 49      | 2  | W 40   | 24      | 1  | 22 | 57   | 15   | 26 |
|                | 21   | 20      | 57      | 21   | 48       | 18      | 8    | 5     | 56      | 6  | 24     | 23      | 58 | 20 | 7    | 15   | 11 |
|                | 26   | 11      | 32      | 21   | 42       | 17      | 46   | 6     | 6       | 10 | 9      | 23      | 46 | 17 | 57   | 15   | 9  |

| M  | Sun's<br>Place. | Sun's<br>Declin. | Observations.  |
|----|-----------------|------------------|--|
| 1  | 10              | 52 23 S          | 2 Sirius South 44 m. after 11 at night.                  |
| 2  | 11              | 53 22            | 57 Saturn sets half an hour past 4 in the aftern.        |
| 3  | 12              | 54 22            | 51 Mars rises 3 quarters after 6 in the morn.            |
| 4  | 13              | 55 22            | 45 Day 7 h. 32 m. long.                                  |
| E  | 14              | 56 22            | 39 ☾ in Perig. nearest distance to the earth.            |
| 6  | 15              | 58 22            | 37   |
| 7  | 16              | 59 22            | 24 Pole Star South half an hour past 5 in the afternoon. |
| 8  | 18              | 0 22             | 11   |
| 9  | 19              | 1 22             | 8 Orion's Shoulder South 18 m. aft. 10 at night.         |
| 10 | 20              | 2 21             | 59 Lion's Heart South 25 m. after 2 in the morn.         |
| 11 | 21              | 3 21             | 56   |
| E  | 22              | 5 21             | 40 Sirius South at 11 at night.                          |
| 13 | 23              | 6 21             | 30 Sirius sets 37 min. after 3 in the morning.           |
| 14 | 24              | 7 21             | 20 Cambridge Term begins.                                |
| 15 | 25              | 8 21             | 9 Orion's Belt South half an hour past 9 at night.       |
| 16 | 26              | 9 20             | 58   |
| 17 | 27              | 10 20            | 46 Saturn rises 33 min. past 7 in the morn.              |
| 18 | 28              | 11 20            | 34 Mars rises half an hour past 6 in the morn.           |
| E  | 29              | 12 20            | 21 ☾ in Apog. furthest distance from the earth.          |
| 20 | 30              | 13 20            | 8 Day 8 h. 6 min. long.                                  |
| 21 | 1               | 14 19            | 55 Sun enters ♊ 37 min. past 6 in the morn.              |
| 22 | 2               | 15 19            | 42 Capella South 39 min. past 8 at night.                |
| 23 | 3               | 16 19            | 28 Sirius sets 51 min. after 2 in the morn.              |
| 24 | 4               | 17 19            | 13 Day increased 1 h.                                    |
| 25 | 5               | 18 18            | 59   |
| E  | 6               | 19 18            | 44 Lion's Tail South 2 m. after 3 in the morn.           |
| 27 | 7               | 20 18            | 28 Orion's Belt South 38 min. past 8 at night.           |
| 28 | 8               | 21 18            | 13 Sirius South 49 min. after 9 at night.                |
| 29 | 9               | 22 17            | 57 Lion's Heart South 5 min. past 1 in the morning.      |
| 30 | 10              | 23 17            | 40   |
| 31 | 11              | 24 17            | 24   |

# February 1755.

Last Quarter the 3d day, at 9 at night.  
 New Moon the 11th day, at 5 in the morn.  
 First Quarter the 19th day, at 9 in the morn.  
 Full Moon the 26th day, at 3 in the aftern.

| Days | Jupiter<br>rises. | Venus<br>rises. |
|------|-------------------|-----------------|
| 1    | 7A 38             | 5M 25           |
| 6    | 7 15              | 5 5             |
| 11   | 6 53              | 4 52            |
| 16   | 6 30              | 4 43            |
| 21   | 6 7               | 4 35            |
| 26   | 5 45              | 4 28            |

| M<br>D | W<br>I | Holy Days<br>O rises & sets. | Moon<br>rises. | Moon's<br>Place. | Moon's<br>Declin | Aspects and<br>Weather. |
|--------|--------|------------------------------|----------------|------------------|------------------|-------------------------|
| 1      | S      | Cl. fast 14m.                | 10A 34         | 10 48            | 3 S 26           |                         |
| 2      | E      | Sexagesima                   | 11 52          | 25 5             | 7 43             | Purif. V. Mary          |
| 3      | M      | Blase                        | Morn.          | 9m 14            | 11 32            | ♂ ♂ ♀                   |
| 4      | T      | Sun rise 7 31                | 1 8            | 23 13            | 14 38            | Δ 4 ♂                   |
| 5      | W      | Sun set 4 32                 | 2 18           | 7 7              | 3 16             | 53 Now Frost and        |
| 6      | T      | Day 9h. 7m.                  | 3 25           | 20 42            | 18 4             | 4 Snow may be ex-       |
| 7      | F      | Cl. fast 15m.                | 4 26           | 4w 11            | 18 17            | Δ 4 ♀                   |
| 8      | S      |                              | 5 15           | 17 28            | 17 28            | pected.                 |
| 9      | E      | Shrove Sund.                 | 5 54           | 0 31             | 15 44            |                         |
| 10     | M      | Sun rise 7 19                | 6 30           | 13 21            | 13 15            |                         |
| 11     | T      | Shrove Tues                  | sets.          | 25 57            | 10 12            |                         |
| 12     | W      | Ash-Wednes                   | 6 A 33         | 8 18             | 6 43             | Term ends               |
| 13     | T      | Old Candel. d.               | 7 36           | 20 28            | 3 1              | ♂ ♀ ♂                   |
| 14     | F      | Valentine                    | 8 41           | 2 27             | 0 N 45           | ♂ ♂ ♀                   |
| 15     | S      |                              | 9 46           | 14 19            | 4 26             | Rough Winds,            |
| 16     | E      | 1 S. in Lent                 | 10 48          | 26 5             | 7 55             | with Plenty of          |
| 17     | M      | Day breaks                   | 11 59          | 7 8              | 56 11            | 7 Downfall.             |
| 18     | T      | 4 min. past 5                | Morn.          | 10 50            | 13 52            |                         |
| 19     | W      | Ember Week                   | 0 52           | 1 54             | 16 4             |                         |
| 20     | T      | Day 10h. lon.                | 1 54           | 4 12             | 17 23            | Moderate Wea-           |
| 21     | F      | Sun rise 6 58                | 2 50           | 26 50            | 18 14            | ther, the Season        |
| 22     | S      | Sun set 5 5                  | 3 45           | 9 51             | 17 58            | considered.             |
| 23     | E      | 2 S. in Lent                 | 4 31           | 23 18            | 16 46            |                         |
| 24     | M      | St. Matthias                 | 5 10           | 7 9              | 14 30            |                         |
| 25     | T      | Sun rise 6 49                | 5 49           | 21 27            | 11 20            |                         |
| 26     | W      | Sun set 5 14                 | rises.         | 6 3              | 7 22             | ♂ ♀ ♀                   |
| 27     | T      | Day inc. 3 13                | 6A 54          | 20 51            | 2 56             | Sleet or cold Rain.     |
| 28     | F      |                              | 8 14           | 5 45             | 1 S 45           |                         |

| Wing.         | Days | Saturn. |         |    | Jupiter. |         |    | Mars.   |    |    | Venus.          |    |    |    |    |    |    |    |    |   |    |
|---------------|------|---------|---------|----|----------|---------|----|---------|----|----|-----------------|----|----|----|----|----|----|----|----|---|----|
|               |      | vy      | Declin. | W  | R        | Declin. | vy | Declin. | vy | R  | Declin.         |    |    |    |    |    |    |    |    |   |    |
| Feb.<br>1755. | 1    | 22      | 13      | 21 | S        | 37      | 17 | 19      | 6  | N  | 17              | 14 | 41 | 23 | S  | 23 | 16 | 36 | 15 | S | 19 |
|               | 6    | 22      | 46      | 21 |          | 31      | 16 | 51      | 6  | 29 | 18              | 28 | 22 | 58 | 16 | D  | 37 | 15 | 34 |   |    |
|               | 11   | 23      | 20      | 21 |          | 26      | 16 | 19      | 6  | 43 | 22              | 16 | 22 | 26 | 17 |    | 35 | 15 | 51 |   |    |
|               | 16   | 23      | 52      | 21 |          | 21      | 15 | 44      | 6  | 57 | 26              | 4  | 21 | 49 | 19 |    | 24 | 16 | 6  |   |    |
|               | 21   | 24      | 23      | 21 |          | 16      | 15 | 8       | 7  | 12 | 29              | 53 | 21 | 7  | 21 |    | 55 | 16 | 17 |   |    |
|               | 26   | 24      | 54      | 21 |          | 10      | 14 | 30      | 7  | 28 | 3 <sup>33</sup> | 43 | 20 | 18 | 25 |    | 1  | 16 | 22 |   |    |

| Mt | Sun's              | Sun's   |    |  | Observations.                                 |
|----|--------------------|---------|----|--|---|
| D  | Place.             | Declin. |    |  |   |
| 1  | 12 <sup>W</sup> 25 | 17 S    | 7  |  | D Perig. nearest distance to the earth.       |
| E  | 13 25              | 16      | 49 |  | Saturn rises half an hour past 6 in the morn  |
| 3  | 14 26              | 16      | 32 |  | Mars rises 9 min. after 6 in the morn.        |
| 4  | 15 27              | 16      | 14 |  | Aldebaran South 9 min. past 7 at night.       |
| 5  | 16 28              | 15      | 56 |  | 7 Stars set half an hour past 2 in the morn.  |
| 6  | 17 29              | 15      | 38 |  | Sirius South 12 min. past 9 at night.         |
| 7  | 18 29              | 15      | 19 |  | Sirius sets 49 min. after 1 in the morn.      |
| 8  | 19 30              | 15      | 0  |  | Procyon South 56 min. past 9 at night.        |
| E  | 20 31              | 14      | 41 |  |   |
| 10 | 21 31              | 14      | 21 |  |   |
| 11 | 22 3               | 14      | 2  |  | Saturn and Mars, by their outrageous hate,    |
| 12 | 23 33              | 13      | 42 |  | Have rais'd up storms in many a quiet state;  |
| 13 | 24 33              | 13      | 22 |  | They now unite their rays, I fear for ill,    |
| 14 | 25 34              | 13      | 1  |  | Nations t' inflame, and human blood to spill, |
| 15 | 26 34              | 12      | 41 |  | Do mischief of all kinds; they only be        |
| E  | 27 35              | 12      | 20 |  | The happy people that from these keep free.   |
| 17 | 28 3               | 11      | 59 |  |   |
| 18 | 29 36              | 11      | 38 |  | Sun enters ♋ 28 min. after 9 at night.        |
| 19 | 30 36              | 11      | 17 |  | The Moon will eclipse Aldebaran about 9       |
| 20 | 1 36               | 10      | 55 |  | at night.                                     |
| 21 | 2 37               | 10      | 34 |  | Capella South 39 min. after 6 at night.       |
| 22 | 3 37               | 10      | 12 |  | Saturn rises 18 min. past 5 in the morn.      |
| E  | 4 37               | 9       | 50 |  | Mars rises 40 min. after 5 in the morn.       |
| 24 | 5 38               | 9       | 28 |  |   |
| 25 | 6 38               | 9       | 6  |  |   |
| 26 | 7 38               | 8       | 43 |  | Sirius South 56 min. after 7 at night.        |
| 27 | 8 38               | 8       | 21 |  | Sirius sets half an hour past 1 in the morn.  |
| 28 | 9 38               | 7       | 58 |  | D in Perig. nearest distance to the earth.    |

# March 1755.

Last Quarter the 5th day, at 6 in the morn.

New Moon the 12th day, at 10 at night.

First Quarter the 21st day, at 2 in the morn.

Full Moon the 28th day, at 1 in the morn.

| Days | Jupiter<br>rises. | Venus<br>rises. |
|------|-------------------|-----------------|
| 1    | 5 A 32            | 4 M 26          |
| 6    | sets.             | 4 23            |
| 11   | 6 M 21            | 4 20            |
| 16   | 6 1               | 4 17            |
| 21   | 5 42              | 4 14            |
| 26   | 5 23              | 4 10            |

| M<br>D | W<br>D | Holy Days.<br>Rises & sets. | Moon<br>rises. | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather.                      |
|--------|--------|-----------------------------|----------------|------------------|-------------------|--|
| 1      | S      | David                       | 9 A 37         | 20 $\pi$ 35      | 6 S 17            |  |
| 2      | E      | 3 S. in Lent                | 10 57          | 5 $\mu$ 16       | 10 23             | * $\text{h}$ $\text{q}$                      |
| 3      | M      |                             | Morn.          | 19 41            | 13 46             | Cold Rain and                                |
| 4      | T      | Cl. fast 12 m.              | 0 10           | 3 $\uparrow$ 49  | 16 18             | 8 $\odot$ $\text{v}$ * $\text{q}$ $\text{q}$ |
| 5      | W      | Pfs Hesse b.                | 1 20           | 17 38            | 17 45             | very tempestuous                             |
| 6      | T      | Sun rise 6 30               | 2 23           | 1 $\text{w}$ 9   | 18 13             | Weather.                                     |
| 7      | F      | Sun set 5 33                | 3 15           | 14 23            | 17 39             |  |
| 8      | S      |                             | 4 0            | 27 20            | 16 11             |  |
| 9      | E      | Midlent Sun.                | 4 38           | 10 $\text{w}$ 3  | 13 55             | Brisk Winds, with                            |
| 10     | M      | Day br. 4 21                | 5 7            | 22 37            | 11 2              | Hail or cold Rain.                           |
| 11     | T      | Cl. fast 10 m.              | 5 36           | 4 $\times$ 50    | 7 43              |  |
| 12     | W      | Gregory                     | sets.          | 16 57            | 4 8               |  |
| 13     | T      | Sun rise 6 16               | 6 A 35         | 28 57            | 0 23              |  |
| 14     | F      | Sun set 5 47                | 7 39           | 10 $\text{v}$ 50 | 3 N 19            |  |
| 15     | S      | D. 11 h. 38 m.              | 8 43           | 22 38            | 6 52              | Sharp Air, with                              |
| 16     | E      | Passion Sund.               | 9 45           | 4 $\text{u}$ 26  | 10 9              | * $\odot$ $\text{h}$                         |
| 17     | M      | Day br. 4 4                 | 10 47          | 16 16            | 13 2              | frosty Mornings                              |
| 18     | T      | Cl. fast 8 m.               | 11 47          | 28 11            | 15 24             |  |
| 19     | W      | Pfs Louisa b.               | Morn.          | 10 $\Pi$ 16      | 17 6              |  |
| 20     | T      | Equ. D. & N.                | 0 45           | 22 33            | 18 1              | * $\text{q}$ $\text{q}$                      |
| 21     | F      | Benedict                    | 1 40           | 5 $\text{u}$ 7   | 18 7              | Changeable Wea-                              |
| 22     | S      |                             | 2 29           | 18 2             | 17 19             | ther now about.                              |
| 23     | E      | Palm Sund.                  | 3 10           | 1 $\Omega$ 23    | 15 31             |  |
| 24     | M      | Sun rise 5 52               | 3 48           | 15 10            | 12 48             |  |
| 25     | T      | Lady-day                    | 4 24           | 29 24            | 9 15              | Pr. Edward born                              |
| 26     | W      | Sun set 6 13                | 4 54           | 14 $\text{u}$ 2  | 5 2               |  |
| 27     | T      | Maund. Th                   | 5 25           | 29 0             | 0 23              | Wet and windy at                             |
| 28     | F      | Good Friday                 | D rises.       | 14 $\pi$ 9       | 4 S 20            | the End.                                     |
| 29     | S      | Cl. fast 5 0                | 8 A 37         | 29 21            | 8 48              | $\odot$ $\odot$ $\text{q}$                   |
| 30     | E      | Easter-day                  | 9 58           | 14 $\mu$ 24      | 12 36             |  |
| 31     | M      | Monday                      | 11 15          | 29 11            | 15 34             |  |



| Wing. | Days  | Saturn. |         | Jupiter. |         | Mars.  |         | Venus. |         |
|-------|-------|---------|---------|----------|---------|--------|---------|--------|---------|
|       |       | W       | Declin. | R        | Declin. | W      | Declin. | W      | Declin. |
|       | 1 25  | 10 21 S | 7 14    | 7 7 N    | 37 6    | 1 19 S | 47 27   | 6 16 S | 22      |
| Mar.  | 6 25  | 37 21   | 3 13    | 27 7     | 52 9    | 52 18  | 50 5    | 55 16  | 12      |
|       | 11 26 | 3 20    | 59 12   | 49 8     | 7 13    | 43 17  | 47 5    | 5 15   | 53      |
| 1755. | 16 26 | 28 20   | 54 12   | 11 8     | 21 17   | 34 16  | 42 9    | 31 15  | 20      |
|       | 21 26 | 50 20   | 51 11   | 35 8     | 35 21   | 26 15  | 30 14   | 11 14  | 36      |
|       | 26 27 | 11 20   | 47 11   | 2 8      | 46 25   | 17 14  | 15 19   | 3 13   | 40      |

| M     | Sun's Place. | Sun's Declin. | Observations.  |
|-------|--------------|---------------|--|
| 1     | 10 39        | 7 S 35        |  |
| E 11  | 39           | 7 13          | Day 10 h. 44 min. long.  |
| 3 12  | 39           | 6 50          | Virgin's Spike South 13 min. past 2 in the morning.                                      |
| 4 13  | 39           | 6 27          |  |
| 5 14  | 39           | 6 3           | Saturn rises 42 min. past 4 in the morn.   |
| 6 15  | 39           | 5 40          | South Ballance South 31 min. after 3 in the morning.                                     |
| 7 16  | 39           | 5 17          |  |
| 8 17  | 39           | 4 54          | Mars rises 19 min. past 5 in the morn.   |
| E 18  | 38           | 4 30          | Day incr. 3 h. 52 min.   |
| 10 19 | 38           | 4 7           | Lion's Heart South 32 m. past 10 at night.   |
| 11 20 | 38           | 3 43          | Mercury's greatest Vespertine Elong. from the Sun 18° 17'. He sets 1 h. 50 m. after him. |
| 12 21 | 38           | 3 20          |  |
| 13 22 | 38           | 2 56          |  |
| 14 23 | 37           | 2 32          | The Sun eclipsed the 12th day, invisible at 10 at night.                                 |
| E 15  | 37           | 2 9           |  |
| 17 26 | 36           | 1 45          | D in Apog. furthest distance from the earth.   |
| 18 27 | 36           | 1 21          | Mercury sets 43 min. past 7 at night.  |
| 19 28 | 36           | 0 58          | Saturn rises 58 min. after 3 in the morn.  |
| 20 29 | 35           | 0 34          | Mars rises at 5 in the morning.  |
| 21 30 | 35           | 0 10          | Sun enters ♊ 6 min. past 10 at night   |
| 22 1  | 34           | 0 N 13        | Cambridge Term ends.   |
| E 22  | 34           | 0 37          | Day 12 h. 7 min. long.   |
| 24 3  | 33           | 1 1           |  |
| 25 4  | 32           | 1 25          | Hydra's Heart South 8 m. after 9 at night.   |
| 26 5  | 32           | 1 48          |  |
| 27 6  | 31           | 2 12          | The greatest Matutine Elong. of Venus from the Sun 46° 28', rises 1 h. 34 m. before him. |
| 28 7  | 30           | 2 35          |  |
| 29 8  | 29           | 2 59          |  |
| E 29  | 29           | 3 22          | The Moon eclipsed, visible in the morn.  |
| 31 9  | 28           | 3 45          | D in Perig. the 28th day nearest the earth.  |
| 31 10 | 27           | 4 9           |  |

April 1755.

Last Quarter the 3d day, at 4 in the aftern.

New Moon the 11th day, at 4 in the aftern.

First Quarter the 19th day, at 4 in the aftern.

Full Moon the 26th day, at 9 in the morn.

| Day | Jupiter<br>sets. | Venus<br>rises. |
|-----|------------------|-----------------|
| 1   | 5M               | 4M 6            |
| 6   | 4 41             | 4 0             |
| 11  | 4 22             | 3 54            |
| 16  | 4 3              | 3 48            |
| 21  | 3 45             | 3 42            |
| 26  | 3 26             | 3 35            |

| M  | W | Holy Days.      | Moon     | Moon's  | Moon's  | Aspects and        |
|----|---|-----------------|----------|---------|---------|--------------------|
| D  | D | ☉ rises & sets  | rises.   | Place.  | Declin. | Weather.           |
| 1  | T | Easter Tuesd.   | Morn.    | 13 ↑ 35 | 17 S 25 |                    |
| 2  | W | Sun rise 5 34   | 0 23     | 27 34   | 18 12   | High Winds, but    |
| 3  | T | Sun set 6 29    | 1 19     | 11 ♄ 8  | 17 53   | not much Down.     |
| 4  | F | Ambrose         | 2 7      | 24 18   | 16 37   | fall.              |
| 5  | S | Old Lady-d.     | 2 46     | 7 ☿ 6   | 14 31   |                    |
| 6  | E | Low Sunday      | 3 21     | 19 36   | 11 47   |                    |
| 7  | M |                 | 3 50     | 1 ✕ 53  | 8 34    |                    |
| 8  | T | D. 13h. 19m.    | 4 15     | 13 59   | 5 3     |                    |
| 9  | W | Sun rise 5 19   | 4 38     | 25 55   | 1 21    |                    |
| 10 | T | Sun set 6 44    | 4 58     | 7 ♃ 46  | 2 N 22  | Some freitful and  |
| 11 | F | Day br. 2 58    | D sets.  | 19 34   | 5 58    | refreshing Showers |
| 12 | S | Cl. fast 1m.    | 7 A 47   | 18 21   | 9 21    | about this Time.   |
| 13 | E | 2S. aft. Easter | 8 48     | 13 11   | 12 21   | ♂ ♀ ♂              |
| 14 | M |                 | 9 48     | 25 4    | 14 52   | ♂ ♀ ♀              |
| 15 | T | Cl. with Sun    | 10 47    | 7 ♀ 4   | 16 46   |                    |
| 16 | W | Term begins     | 11 43    | 19 12   | 17 55   |                    |
| 17 | T | Sun rise 5 3    | Morn.    | 1 ☿ 32  | 18 15   |                    |
| 18 | F | Day 14h. lon.   | 0 32     | 14 6    | 17 44   | ♂ ♂ ♀ ☐ ☐ ♀        |
| 19 | S | Alphage         | 1 17     | 26 59   | 16 18   |                    |
| 20 | E | 3S. aft. Easter | 1 55     | 10 ♄ 12 | 13 57   |                    |
| 21 | M | Cl. flow 1m.    | 2 31     | 23 48   | 10 48   | Pleasant Weather,  |
| 22 | T | Da. inc. 6 58   | 3 1      | 7 ♄ 51  | 6 54    | but not without    |
| 23 | W | St. George      | 3 30     | 22 19   | 2 31    | some Showers.      |
| 24 | T |                 | 3 58     | 7 ☿ 10  | 2 S 10  |                    |
| 25 | F | St. Mark        | 4 27     | 22 17   | 6 46    |                    |
| 26 | S | D. Cum bor.     | D rises. | 7 ♀ 33  | 10 58   |                    |
| 27 | E | 4S. aft. Easter | 8 A 57   | 22 46   | 14 28   |                    |
| 28 | M | Sun rise 4 41   | 10 10    | 7 ↑ 46  | 16 53   |                    |
| 29 | T | Sun set 7 21    | 11 16    | 22 25   | 18 8    | △ ☉ ♀ Fair and     |
| 30 | W |                 | Morn.    | 6 ♄ 37  | 18 13   | pleasant.          |

| Wing.          | Days | Saturn. |         |      | Jupiter. |         |    | Mars.   |    |         | Venus. |      |    |    |    |      |    |
|----------------|------|---------|---------|------|----------|---------|----|---------|----|---------|--------|------|----|----|----|------|----|
|                |      | W       | Declin. | W    | R        | Declin. | W  | Declin. | W  | Declin. |        |      |    |    |    |      |    |
| April<br>1755. | 1    | 27      | 33      | 20 S | 43       | 10      | 24 | 9 N     | 2  | 29      | 55     | 12 S | 41 | 25 | 6  | 12 S | 20 |
|                | 6    | 27      | 49      | 20   | 40       | 9       | 57 | 9       | 11 | 3       | 46     | 11   | 21 | 0  | 17 | 10   | 59 |
|                | 11   | 28      | 3       | 20   | 38       | 9       | 34 | 9       | 20 | 7       | 38     | 9    | 56 | 5  | 34 | 9    | 29 |
|                | 16   | 28      | 13      | 20   | 36       | 9       | 14 | 9       | 26 | 11      | 29     | 8    | 30 | 10 | 57 | 7    | 50 |
|                | 21   | 28      | 25      | 20   | 34       | 8       | 58 | 9       | 32 | 15      | 21     | 7    | 1  | 16 | 25 | 6    | 3  |
|                | 26   | 28      | 32      | 20   | 31       | 8       | 47 | 9       | 35 | 19      | 12     | 5    | 32 | 21 | 57 | 4    | 11 |

| M | Sun's  | Sun's   |
|---|--------|---------|
| D | Place. | Declin. |

### Observations.

|    |    |    |    |    |    |   |
|----|----|----|----|----|----|---|
| 1  | 11 | 26 | 4  | N  | 32 |   |
| 2  | 12 | 25 | 4  | 55 |    | <i>Lo! the vicissitudes of humane fate</i>          |
| 3  | 13 | 24 | 5  | 18 |    | <i>Are always changing, never in one state;</i>     |
| 4  | 14 | 23 | 5  | 41 |    | <i>Good follows ill, and pain succeeds delight,</i> |
| 5  | 15 | 22 | 6  | 4  |    | <i>Alternate, like the scenes of day and night.</i> |
| E  | 16 | 21 | 6  | 26 |    |   |
| 7  | 17 | 20 | 6  | 49 |    | Saturn rises 48 min. after 2 in the morn.           |
| 8  | 18 | 19 | 7  | 11 |    | Mars rises 18 min. past 4 in the morn.              |
| 9  | 19 | 17 | 7  | 34 |    | Cambridge Term begins.                              |
| 10 | 20 | 16 | 7  | 56 |    | D in Apog. in her furthest distance from            |
| 11 | 21 | 15 | 8  | 18 |    | the earth.  |
| 12 | 22 | 14 | 8  | 40 |    | Virgin's Spike South 46 min. after 11 at            |
| E  | 23 | 12 | 9  | 2  |    | night, and sets 2 minutes after 5 in the            |
| 14 | 24 | 11 | 9  | 24 |    | morning.  |
| 15 | 25 | 9  | 9  | 45 |    | Hydra's Heart South 41 m. past 7 at night.          |
| 16 | 26 | 8  | 10 | 7  |    | Day 13 h. 52 min. long, lengthened 6 h.             |
| 17 | 27 | 7  | 10 | 28 |    | 38 min.   |
| 18 | 28 | 5  | 10 | 49 |    |   |
| 19 | 29 | 4  | 11 | 10 |    |   |
| E  | 30 | 2  | 11 | 30 |    | Sun enters 8 10 m. after 11 in the morn.            |
| 21 | 1  | 0  | 11 | 51 |    | Saturn rises 56 min. past 1 in the morn.            |
| 22 | 1  | 59 | 12 | 11 |    | Mars rises 42 min. after 3 in the morn.             |
| 23 | 2  | 57 | 12 | 31 |    |   |
| 24 | 3  | 56 | 12 | 51 |    | Scorpion's Heart South 9 min. past 2 in             |
| 25 | 4  | 54 | 13 | 11 |    | the morning.  |
| 26 | 5  | 52 | 13 | 30 |    | Mercury rises 32 min. before the Sun,               |
| E  | 6  | 50 | 13 | 49 |    | Elong. Max.   |
| 28 | 7  | 49 | 14 | 8  |    | D in Perig. nearest distance to the earth.          |
| 29 | 8  | 47 | 14 | 27 |    | Virgin's Spike South 52 min. past 10 at             |
| 30 | 9  | 45 | 14 | 45 |    | night; sets 5 min. after 4 in the morn.             |

May 1755.

Last Quarter the 3d day, at 5 in the morn.

New Moon the 11th day, at 8 in the morn.

First Quarter the 19th day, at 2 in the morn.

Full Moon the 25th day, at 5 in the aftern.

| Days | Jupiter<br>sets. | Venus<br>rises. |
|------|------------------|-----------------|
| 1    | 3M 7             | 3M 27           |
| 6    | 2 47             | 3 18            |
| 11   | 2 27             | 3 9             |
| 16   | 2 8              | 3 0             |
| 21   | 1 49             | 2 51            |
| 26   | 1 30             | 2 42            |

| M<br>D | W<br>D | Holy Days.<br>☉ rises & sets. | Moon<br>rises. | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather. |
|--------|--------|-------------------------------|----------------|------------------|-------------------|-------------------------|
| 1      | T      | St. Phil. & Ja.               | OM 11          | 20 ♄ 19          | 17 S 14           |                         |
| 2      | F      | Invent. Crofs                 | 0 53           | 3 ♃ 33           | 15 18             | * ♃ ♀                   |
| 3      | S      | Cl. flow 3m.                  | 1 30           | 16 22            | 12 41             | Cool Winds and          |
| 4      | E      | Rogat. Sund.                  | 1 58           | 28 49            | 9 32              | some Showers of         |
| 5      | M      |                               | 2 23           | 11 ☿ 0           | 6 2               | Rain.                   |
| 6      | T      | Sun rise 4 27                 | 2 48           | 22 58            | 2 22              |                         |
| 7      | W      | Sun set 7 36                  | 3 10           | 4 ♄ 50           | 1 N 21            |                         |
| 8      | T      | Holy Thurs.                   | 3 31           | 16 37            | 5 2               | * ♃ ♂                   |
| 9      | F      | Cl. flow 4m.                  | 3 53           | 28 24            | 8 32              | Fair and pleasant       |
| 10     | S      |                               | 4 15           | 10 ♂ 14          | 11 40             | Spring Weather.         |
| 11     | E      | 6S. aft. Easter               | ☾ sets.        | 22 7             | 14 21             | ☐ ♃ ♀                   |
| 12     | M      | Term ends                     | 8A 46          | 4 ♀ 8            | 16 27             |                         |
| 13     | T      | Sun rise 4 16                 | 9 43           | 16 17            | 17 50             |                         |
| 14     | W      | Sun set 7 47                  | 10 34          | 28 35            | 18 24             | Warm Winds and          |
| 15     | T      |                               | 11 18          | 11 ☿ 4           | 18 6              | gentle Showers.         |
| 16     | F      | D. 15h. 40m.                  | 11 59          | 23 46            | 16 54             |                         |
| 17     | S      | Inc. 8h. 22m.                 | Morn.          | 6 ♄ 41           | 14 50             | Δ ♃ ♀                   |
| 18     | E      | Whit Sunday                   | 0 34           | 19 52            | 11 57             |                         |
| 19     | M      | Monday                        | 1 5            | 3 ♄ 23           | 8 22              | Dunstan Δ ☐ ♃           |
| 20     | T      | Tuesday                       | 1 33           | 17 14            | 4 15              |                         |
| 21     | W      | Ember Week                    | 2 1            | 1 ☿ 27           | 0 S 14            | Cool Breezes and        |
| 22     | T      | Cl. flow 4m.                  | 2 28           | 16 1             | 4 49              | dry Winds.              |
| 23     | F      |                               | 2 57           | 0 ♄ 53           | 9 10              |                         |
| 24     | S      | Pr. Fr. W. b.                 | 3 29           | 15 57            | 13 0              |                         |
| 25     | E      | Trinity Sun.                  | ☾ rises.       | 1 ♄ 3            | 15 59             |                         |
| 26     | M      | Sun rise 3 57                 | 8A 57          | 16 1             | 17 50             |                         |
| 27     | T      | Sun set 8 5                   | 9 58           | 0 ♄ 41           | 18 28             | Δ ♃ ♀                   |
| 28     | W      | Cl. flow 3m.                  | 10 47          | 14 58            | 17 54             | ☐ ♃ ♀                   |
| 29     | T      | K. Ch. II. Re.                | 11 26          | 28 46            | 16 17             | Corpus Christi          |
| 30     | F      | Term begins                   | 12 0           | 12 ♃ 5           | 13 50             | Windy and wet.          |
| 31     | S      |                               | Morn.          | 24 57            | 10 46             | ☐ ☐ ♃                   |



| Wing.        | Days | Saturn |      |    | Jupiter |    |       | Mars |      |    | Venus |       |    |     |    |    |
|--------------|------|--------|------|----|---------|----|-------|------|------|----|-------|-------|----|-----|----|----|
|              |      | ♄      | Decl |    | ♃       | R  | Decl. | ♂    | Decl |    | ♀     | Decl. |    |     |    |    |
| May<br>1755. | 128  | 36     | 20S  | 33 | 8       | 41 | 9N    | 37   | 23   | 2  | 4S.   | 27    | 33 | 2S. | 13 |    |
|              | 628  | 38     | 20   | 33 | 8D.     | 40 | 9     | 36   | 26   | 51 | 2     | 32    | 3V | 11  | 0  | 10 |
|              | 1128 | 38     | 20   | 33 | 8       | 43 | 9     | 34   | 0    | 48 | 1     | 1     | 8  | 52  | 1N | 55 |
|              | 1628 | 35     | 20   | 35 | 8       | 52 | 9     | 30   | 4    | 28 | 0N    | 0     | 14 | 35  | 4  | 2  |
|              | 2128 | 30     | 20   | 36 | 9       | 3  | 9     | 24   | 8    | 15 | 2     | 0     | 20 | 21  | 6  | 8  |
|              | 2628 | 22     | 20   | 39 | 9       | 20 | 9     | 17   | 12   | 1  | 3     | 29    | 26 | 8   | 8  | 13 |

June 1755.

Last Quarter the 1st day, at 7 in the even.  
 New Moon the 9th day, at 11 at night.  
 First Quarter the 17th day, at 9 in the morn.  
 Full Moon the 23d day, at midnight.

| Days | Jupiter<br>sets. | Venus<br>rises. |
|------|------------------|-----------------|
| 1    | 1M 7             | 2M 3            |
| 6    | 0 47             | 2 2             |
| 11   | 0 27             | 2 1             |
| 16   | 0 6              | 2               |
| 21   | 11 A 42          | 2               |
| 26   | 11 22            | 1 5             |

| M.D. | W.D. | Holy-Days,<br>rises & sets. | Moon<br>rises | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather. |
|------|------|-----------------------------|---------------|------------------|-------------------|-------------------------|
| 1    | E    | 1 S. aft. Trin.             | 0M 29         | 7X 26            | 7 S 17            | □ 4 ♀                   |
| 2    | M    | Sun rise 3 49               | 0 53          | 19 37            | 3 36              | 6 0 ♀ Brisk             |
| 3    | T    | Sun set 8 12                | 1 14          | 1V 35            | 0N 11             | winds, but              |
| 4    | W    | Fr. Wales bo.               | 1 35          | 13 25            | 3 55              | mostly fair.            |
| 5    | E    | Boniface.                   | 1 56          | 25 13            | 7 28              |                         |
| 6    | F    | Cl. flow 2 m.               | 2 19          | 7 8              | 2 10              | 45 * ♂ ♀                |
| 7    | S    |                             | 2 47          | 18 56            | 13 38             | Δ 4 ♀                   |
| 8    | E    | 2 S. aft. Trin.             | 3 17          | 0H 58            | 15 57             |                         |
| 9    | M    | Day 16h. 32'.               | D sets        | 13 9             | 17 35             | Fair and                |
| 10   | T    | Prs. A. & C. b.             | 8 A 30        | 25 30            | 18 24             | hot                     |
| 11   | W    | St. Barnabas.               | 9 17          | 8 25             | 3 18              | 22 now about.           |
| 12   | E    | Cl. flow 1 m.               | 10 0          | 20 47            | 17 25             |                         |
| 13   | F    | Sun rises 3 43.             | 10 34         | 3 34             | 15 34             |                         |
| 14   | S    | Sun set 8 17.               | 11 8          | 16 51            | 12 53             |                         |
| 15   | E    | 3 S. aft. Trin.             | 11 35         | 0m 12            | 9 28              |                         |
| 16   | M    | Cl. with the ☉              | Morn.         | 13 45            | 5 32              | * 4 ♀. □ 1/2 ♂          |
| 17   | T    | St. Alban.                  | 0 1           | 27 32            | 1 14              | Gentle winds,           |
| 18   | W    | Term. ends.                 | 0 26          | 11 35            | 3 S 13            | and some                |
| 19   | E    | Day 16h. 38'.               | 0 54          | 25 54            | 7 35              | refreshing              |
| 20   | F    | Edward.                     | 1 23          | 10m 26           | 11 33             | showers.                |
| 21   | S    | Longest Day.                | 1 56          | 25 7             | 14 52             | Δ 1/2 ♀                 |
| 22   | E    | 4 S. aft. Trin.             | 2 35          | 9 52             | 17 11             | K. Geo. II. Inaug.      |
| 23   | M    | Cl. fast 2 m.               | 3 24          | 24 32            | 18 22             |                         |
| 24   | T    | St. John Bapt.              | D rises       | 8 59             | 18 22             | Cool breezes,           |
| 25   | W    | Sun rise 3 41.              | 9 A 19        | 23 7             | 17 12             | with                    |
| 26   | E    | K. Geo. II. Fr.             | 9 56          | 6 51             | 15 4              | □ 1/2 ♀                 |
| 27   | F    | Sun set 8 18.               | 10 26         | 20 9             | 12 11             | some flying             |
| 28   | S    | Day dec. 2 m.               | 10 52         | 3 2              | 8 47              | * 0 ♂                   |
| 29   | E    | 5 S. aft. Trin.             | 11 15         | 15 33            | 5 4               | St. Peter and Paul      |
| 30   | M    |                             | 11 36         | 27 46            | 1 15              | showers.                |

| Wing. | Days  | Saturn<br>♄ R Decl. | Jupiter<br>♃ Decl. | Mars<br>♂ Decl. | Venus<br>♀ Decl.   |
|-------|-------|---------------------|--------------------|-----------------|--------------------|
|       | 1 28  | 11 20 54            | 1 9 44             | 9 N 7 16 30     | 5 N 13 3 7 10 N 39 |
|       | 6 27  | 59 20 44            | 10 1 8 56          | 20 14 6 39      | 8 58 12 36         |
| June  | 11 27 | 45 20 47            | 10 3 8 45          | 23 55 8 2       | 14 50 14 28        |
| 1755. | 16 27 | 29 20 50            | 11 1 8 31          | 27 36 9 23      | 20 43 16 12        |
|       | 21 27 | 11 20 55            | 11 4 8 17          | 1 8 14 10 42    | 26 11 38 17 47     |
|       | 26 26 | 52 20 58            | 12 2 8 1           | 4 51 11 59      | 2 34 19 11         |

| Sun's<br>Place. | Sun's<br>Declin |
|-----------------|-----------------|
|-----------------|-----------------|

## Observations.

|    |       |      |    |  |
|----|-------|------|----|--|
| 10 | 11 32 | 22 N | 4  |  |
| 2  | 11 30 | 22   | 12 |  |
| 3  | 12 27 | 22   | 20 | Now is a Congress of some Men of State,<br>Who talk of Peace, and all of Peace debate.         |
| 4  | 13 25 | 22   | 27 | But what of Peace, whilst Jezebel's uncurb'd;<br>By Peace with her, our own is much disturb'd. |
| 5  | 14 22 | 22   | 34 | Can Peace be wish'd for, whilst Injustice reigns!  |
| 6  | 15 19 | 22   | 40 | Can ought but Blood wash out her bloody Stains!  |
| 7  | 16 17 | 22   | 46 |  |
| 8  | 17 14 | 22   | 52 |  |
| 9  | 18 11 | 22   | 57 |  |
| 10 | 19 9  | 23   | 2  | Scorpion's Heart south at 11 at night, sets  |
| 11 | 20 6  | 23   | 7  | 35 m. past 2 in the morning.   |
| 12 | 21 3  | 23   | 11 | Lyra south 17 m. past 1 in the morning.  |
| 13 | 22 0  | 23   | 14 |  |
| 14 | 22 5  | 23   | 18 | Day 16 h. 34 m long.   |
| 15 | 23 55 | 23   | 21 | Day increased 9 h. 16 m.   |
| 16 | 24 52 | 23   | 23 | Saturn rises 9 m. past 10 at night.  |
| 17 | 25 49 | 23   | 25 | Mars rises 11 m. after 1 in the morning.   |
| 18 | 26 47 | 23   | 27 |  |
| 19 | 27 44 | 23   | 28 |  |
| 20 | 28 41 | 23   | 29 | D in Perig. and nearest to the Earth.  |
| 21 | 29 38 | 23   | 29 | Sun enters ♊ 8 m. past 9 at night.   |
| 22 | 30 35 | 23   | 29 |  |
| 23 | 31 33 | 23   | 28 | Serpent's Head south 14 m. past 11 at night.   |
| 24 | 32 30 | 23   | 28 | Scorpion's Heart south at 10 at night.   |
| 25 | 33 27 | 23   | 26 |  |
| 26 | 34 24 | 23   | 25 | Saturn rises 26 m. past 9 at night.  |
| 27 | 35 21 | 23   | 22 | Mars rises 16 m. before 1 in the morning.  |
| 28 | 36 19 | 23   | 20 | Lyra south at midnight.  |
| 29 | 37 16 | 23   | 17 | Day 16 h. 36 m. long.  |
| 30 | 38 13 | 23   | 14 |  |

July 1755.

Jupiter  
sets.  
Venus  
rises.

Last Quarter the 1st day, at 11 in the morn.

New Moon the 9th day, at 11 in the morn

First Quarter the 16th day, at 2 in the aftern

Full Moon the 23d day, at 9 in the morn

Last Quarter the 31st day, at 4 in the morn.

11 11 A 2 1 M 50  
6 10 43 1 50  
11 10 24 1 50  
16 10 6 1 52  
21 9 47 1 56  
26 9 29 2 2

| M.D. | W.D. | Holy-Days,<br>Orices & fets. | Moon<br>rises | Moon's<br>Place. | Moon's<br>Declin | Aspects and<br>Weather. |
|------|------|------------------------------|---------------|------------------|------------------|-------------------------|
| 1    | T    | Dies Comit.                  | 11 A 57       | 9 ♄ 46           | 2 N 34           |                         |
| 2    | W    | Ilift. V. M.                 | Morn.         | 21 37            | 6 13             | Hot sultry              |
| 3    | Th   | Sun rise 3 44.               | 0 19          | 3 8 2            | 9 37             | weather,                |
| 4    | F    | Sun set 8 15.                | 0 41          | 15 10            | 12 40            | and some                |
| 5    | S    | O Midf. day.                 | 1 10          | 27 18            | 15 13            | ☐ 4 ☿ flying            |
| 6    | E    | 6 S. aft. Trin.              | 1 44          | 9 ♀ 27           | 17 5             | * ☉ 4 showers           |
| 7    | M    | Tho. à Beck.                 | 2 22          | 21 48            | 18 12            |                         |
| 8    | T    |                              | 3 7           | 4 ☿ 23           | 18 29            |                         |
| 9    | W    | Day de. 16 m.                | ☿ sets        | 17 13            | 17 50            |                         |
| 10   | Th   | Cl. fast 4 m.                | 8 A 32        | 0 ♀ 17           | 16 15            |                         |
| 11   | F    | Day 16 h. 18.                | 9 4           | 13 35            | 13 46            | ☐ ☿ ☿ Warm              |
| 12   | S    |                              | 9 36          | 27 31            | 10 30            | gleams, with            |
| 13   | E    | 7 S. aft. Trin.              | 10 2          | 10 ♀ 41          | 6 38             | some thunder,           |
| 14   | M    | Day de. 24 m.                | 10 27         | 24 28            | 2 24             | rain, and hail.         |
| 15   | T    | S. Smithin.                  | 10 55         | 8 ♀ 24           | 2 S 1            |                         |
| 16   | W    | Sun rise 3 54.               | 11 23         | 22 26            | 6 22             |                         |
| 17   | Th   | Sun set 8 5.                 | 11 53         | 6 ♀ 36           | 10 22            |                         |
| 18   | F    | Cl. fast 6 m.                | Morn.         | 20 52            | 13 48            | 8 ☉ h                   |
| 19   | S    |                              | 0 30          | 5 ♄ 12           | 16 24            | 1r different good       |
| 20   | E    | 8 S. aft. Trin.              | 1 12          | 19 31            | 18 0             | ☉ Margaret.             |
| 21   | M    | Day de. 38 m.                | 2 4           | 3 ♄ 44           | 18 27            | weather for             |
| 22   | T    | Prs. C. Mat. b.              | 3 3           | 17 48            | 17 47            | hay-harvest;            |
| 23   | W    | Sun rise 4 3.                | ☿ rises       | 1 35             | 16 3             | but not without         |
| 24   | Th   | Sun set 7 55.                | 8 A 18        | 15 4             | 13 28            | some showers.           |
| 25   | F    | St. James.                   | 8 48          | 28 12            | 0 15             | Δ h ☿                   |
| 26   | S    | St. Anne.                    | 9 14          | 10 ♀ 56          | 6 30             |                         |
| 27   | E    | 9 S. aft. Trin.              | 9 37          | 23 28            | 2 48             |                         |
| 28   | M    | Sun rise 4 10.               | 10 0          | 5 ♄ 40           | 1 N 3            |                         |
| 29   | T    | Sun set 7 47.                | 10 23         | 17 40            | 4 48             | Fair and                |
| 30   | W    | Dog-days be.                 | 10 47         | 29 34            | 8 20             | pleasant.               |
| 31   | Th   |                              | 11 12         | 11 8 24          | 11 31            |                         |



| Wing. | Days   | Saturn<br>♄ Decl. | Jupiter<br>♃ Decl. | Mars<br>♂ Decl. | Venus<br>♀ Decl. |
|-------|--|-------------------|--------------------|-----------------|------------------|
|       | 1 26 32 21 S 3 13 6 7 N 44 8 25 13 N 10 8 31 20 N 23 |                   |                    |                 |                  |
|       | 6 26 12 21 7 13 50 7 26 11 59 14 20 14 29 21 24      |                   |                    |                 |                  |
| July  | 11 25 50 21 12 14 37 7 8 15 29 15 24 20 28 22 8      |                   |                    |                 |                  |
|       | 16 25 28 21 16 15 27 6 48 18 58 16 27 26 28 22 39    |                   |                    |                 |                  |
| 1755. | 21 25 5 21 21 16 18 6 28 22 23 17 24 29 30 22 55     |                   |                    |                 |                  |
|       | 26 24 44 21 25 17 12 6 6 25 46 18 16 8 33 22 53      |                   |                    |                 |                  |

| ☿  | Sun's<br>Place. | ☿  | Sun's<br>Declin. | Observations.                                |
|----|-----------------|----|------------------|--|
| 1  | 9 26 10         | 23 | N 10             | Day decreased 7 m.                           |
| 2  | 10 7 23         | 6  |                  |  |
| 3  | 11 4 23         | 1  |                  |  |
| 4  | 12 2 22         | 56 |                  | Cambridge-Term ends. ☿ in Apog.              |
| 5  | 12 59 22        | 54 |                  | Serpent's Head south 21 m. past 10 at night. |
| 6  | 13 56 22        | 45 |                  | Altair south 19 m. before 11 in the morning. |
| 7  | 14 53 22        | 39 |                  | Mercury's greatest Vespertine Elong. from    |
| 8  | 15 50 22        | 32 |                  | the Sun, 26° 24'. and sets 1 h. 10 m. af-    |
| 9  | 16 48 22        | 26 |                  | ter him.                                     |
| 10 | 17 45 22        | 18 |                  | Saturn rises 25 m. past 8 at night.          |
| 11 | 18 42 22        | 11 |                  | Lyra south 6 m. after 11 at night.           |
| 12 | 19 39 22        | 2  |                  | Day 16 h. 18 m. long.                        |
| 13 | 20 36 21        | 54 |                  | Mars rises at midnight.                      |
| 14 | 21 34 21        | 45 |                  |  |
| 15 | 22 31 21        | 36 |                  | Pegasus's Upper Wing fou. 8 m. past 3 morn.  |
| 16 | 23 28 21        | 26 |                  | Altair south 56 m. after 11 at night.        |
| 17 | 24 25 21        | 16 |                  | ☿ in Perig. and nearest the Earth.           |
| 18 | 25 23 21        | 6  |                  | Seven Stars rise 25 m. after 11 at night.    |
| 19 | 26 20 20        | 55 |                  |  |
| 20 | 27 17 20        | 44 |                  |  |
| 21 | 28 14 20        | 33 |                  | Saturn sets 55 m. past 3 in the morning.     |
| 22 | 29 12 20        | 21 |                  | Mars rises 38 m. after 11 at night.          |
| 23 | 30 9 20         | 9  |                  | Sun enters ♏ at 6 m. past 8 in the morning.  |
| 24 | 1 6 19          | 57 |                  |  |
| 25 | 2 4 19          | 44 |                  |  |
| 26 | 3 1 19          | 31 |                  | Day 15 h. 42 m. long.                        |
| 27 | 3 58 19         | 18 |                  | Lyra south at 10 at night.                   |
| 28 | 4 56 19         | 4  |                  | Pegasus's Upper Wing 10.20 m. past 2 morn.   |
| 29 | 5 53 18         | 50 |                  |  |
| 30 | 6 51 18         | 36 |                  | Altair south at 11 at night.                 |
| 31 | 7 48 18         | 21 |                  | ☿ in Apog. and furthest from the Earth.      |

August 1755.

Days Jupiter sets. Venus rises.

New Moon the 7th day, at 10 at night.

First Quarter the 14th day, at 6 in the even.

Full Moon the 21st day, at 9 at night.

Last Quarter the 29th day, at 10 at night.

|    |   |    |   |    |   |    |
|----|---|----|---|----|---|----|
| 1  | 9 | A  | 7 | 2  | M | 11 |
| 6  | 8 | 49 | 2 | 22 |   |    |
| 11 | 8 | 32 | 2 | 35 |   |    |
| 16 | 8 | 15 | 2 | 50 |   |    |
| 21 | 7 | 58 | 3 | 5  |   |    |
| 26 | 7 | 47 | 3 | 20 |   |    |

| M.D. | W.D. | Holy-Days,<br>☉ rises & sets. | Moon<br>rises. | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather. |
|------|------|-------------------------------|----------------|------------------|-------------------|-------------------------|
| 1    | F    | Lammas-day.                   | 11 A 44        | 23 8 18          | 14 N 13           |                         |
| 2    | S    | Cl. fast 6 m.                 | Morn.          | 5 II 1           | 6 21              | Windy,                  |
| 3    | E    | 10 S. aft. Trin.              | 0 17           | 17 32            | 17 46             | * ♀ and                 |
| 4    | M    | Day de. 1 h 28'               | 1 0            | 0 00             | 18 23             | perhaps some            |
| 5    | T    |                               | 1 50           | 12 46            | 18 6              | ♂ ☉ ♀                   |
| 6    | W    | Transfig.                     | 2 50           | 25 50            | 16 52             | showers of              |
| 7    | Th   | Sun rise 4 27.                | D sets         | 9 Ω 13           | 14 40             | rain.                   |
| 8    | F    | Sun set 7 31.                 | 7 A 30         | 22 52            | 11 38             | ♂ ♀                     |
| 9    | S    | Cl. fast 5 m.                 | 8 7            | 6 m 45           | 7 54              |                         |
| 10   | E    | 11 S. aft. Trin.              | 8 33           | 20 41            | 3 41              | Laurence. Now           |
| 11   | M    | Prs. Augusta b.               | 9 0            | 5 0              | 0 S 46            | good harvest            |
| 12   | T    | O. Lammas-d.                  | 9 29           | 19 14            | 5 14              | weather                 |
| 13   | W    | Sun rise 4 37.                | 9 59           | 3 m 28           | 9 21              |                         |
| 14   | Th   | Sun-set 7 20.                 | 10 33          | 17 41            | 12 56             | * ♂ ♀ may               |
| 15   | F    |                               | 11 14          | 1 45 50          | 15 43             | be expected.            |
| 16   | S    |                               | Morn.          | 15 54            | 17 34             |                         |
| 17   | E    | 12 S. aft. Trin.              | 0 2            | 29 51            | 18 20             |                         |
| 18   | M    | Day br. 2 10.                 | 0 57           | 13 39            | 18 1              |                         |
| 19   | T    | Day de. 2° 21'.               | 1 56           | 27 15            | 16 39             |                         |
| 20   | W    | Cl. fast 3 m.                 | 3 4            | 10 37            | 14 22             | ♂ ♂ ♀ Cloudy            |
| 21   | Th   | Sun rise 4 53                 | D rises        | 23 44            | 11 25             | and frequent            |
| 22   | F    | Sun set 7 4.                  | 7 A 21         | 6 35             | 7 58              | showers.                |
| 23   | S    |                               | 7 44           | 19 10            | 4 12              |                         |
| 24   | E    | 13 S. aft. Trin.              | 8 8            | 1 30             | 0 21              | St. Bartholomew         |
| 25   | M    | Cl. fast 2 m.                 | 8 30           | 13 38            | 3 N 27            | * ♂ ♀                   |
| 26   | T    | Day 13 h. 52'.                | 8 53           | 25 37            | 7 5               | Now more                |
| 27   | W    | Sun rise 5 5.                 | 9 20           | 7 30             | 10 24             | fair, clear,            |
| 28   | Th   | Sun set 6 52.                 | 9 49           | 19 21            | 13 16             | and seasonable.         |
| 29   | F    | Decol. J. B.                  | 10 21          | 1 14             | 15 35             |                         |
| 30   | S    |                               | 10 59          | 13 15            | 17 15             |                         |
| 31   | E    | 14 S. aft. Trin.              | 11 43          | 25 27            | 18 9              | ♂ ♀ ♀                   |

| Wing. | Saturn     |       | Jupiter |        | Mars  |         | Venus |         |
|-------|------------|-------|---------|--------|-------|---------|-------|---------|
|       | Day        | Dec.  | Day     | Dec.   | Day   | Dec.    | Day   | Dec.    |
| 11    | 124        | 18 21 | 18 18   | 5 N 40 | 29 47 | 19 N 14 | 15 49 | 22 N 30 |
| 21    | 6 23       | 57 21 | 34 19   | 16 5   | 17 3  | 11 4    | 19 59 | 21 53   |
| 35    | Aug. 11 23 | 37 21 | 39 20   | 15 4   | 53 6  | 17 20   | 39 27 | 59 20   |
| 50    | 16 23      | 18 21 | 42 21   | 15 4   | 30 9  | 28 21   | 13 48 | 6 19    |
| 5     | 21 23      | 2 21  | 45 22   | 16 4   | 5 12  | 34 21   | 44 10 | 14 18   |
| 20    | 26 22      | 47 21 | 48 13   | 18 3   | 40 15 | 36 22   | 10 16 | 23 16   |

| M.  | Sun's Place. | Sun's Declin. | Observations. |
|-----|--------------|---------------|---------------|
| 1   | 10           | 10            |               |
| 2   | 11           | 11            |               |
| 3   | 12           | 12            |               |
| 4   | 13           | 13            |               |
| 5   | 14           | 14            |               |
| 6   | 15           | 15            |               |
| 7   | 16           | 16            |               |
| 8   | 17           | 17            |               |
| 9   | 18           | 18            |               |
| 10  | 19           | 19            |               |
| 11  | 20           | 20            |               |
| 12  | 21           | 21            |               |
| 13  | 22           | 22            |               |
| 14  | 23           | 23            |               |
| 15  | 24           | 24            |               |
| 16  | 25           | 25            |               |
| 17  | 26           | 26            |               |
| 18  | 27           | 27            |               |
| 19  | 28           | 28            |               |
| 20  | 29           | 29            |               |
| 21  | 30           | 30            |               |
| 22  | 31           | 31            |               |
| 23  | 32           | 32            |               |
| 24  | 33           | 33            |               |
| 25  | 34           | 34            |               |
| 26  | 35           | 35            |               |
| 27  | 36           | 36            |               |
| 28  | 37           | 37            |               |
| 29  | 38           | 38            |               |
| 30  | 39           | 39            |               |
| 31  | 40           | 40            |               |
| 32  | 41           | 41            |               |
| 33  | 42           | 42            |               |
| 34  | 43           | 43            |               |
| 35  | 44           | 44            |               |
| 36  | 45           | 45            |               |
| 37  | 46           | 46            |               |
| 38  | 47           | 47            |               |
| 39  | 48           | 48            |               |
| 40  | 49           | 49            |               |
| 41  | 50           | 50            |               |
| 42  | 51           | 51            |               |
| 43  | 52           | 52            |               |
| 44  | 53           | 53            |               |
| 45  | 54           | 54            |               |
| 46  | 55           | 55            |               |
| 47  | 56           | 56            |               |
| 48  | 57           | 57            |               |
| 49  | 58           | 58            |               |
| 50  | 59           | 59            |               |
| 51  | 60           | 60            |               |
| 52  | 61           | 61            |               |
| 53  | 62           | 62            |               |
| 54  | 63           | 63            |               |
| 55  | 64           | 64            |               |
| 56  | 65           | 65            |               |
| 57  | 66           | 66            |               |
| 58  | 67           | 67            |               |
| 59  | 68           | 68            |               |
| 60  | 69           | 69            |               |
| 61  | 70           | 70            |               |
| 62  | 71           | 71            |               |
| 63  | 72           | 72            |               |
| 64  | 73           | 73            |               |
| 65  | 74           | 74            |               |
| 66  | 75           | 75            |               |
| 67  | 76           | 76            |               |
| 68  | 77           | 77            |               |
| 69  | 78           | 78            |               |
| 70  | 79           | 79            |               |
| 71  | 80           | 80            |               |
| 72  | 81           | 81            |               |
| 73  | 82           | 82            |               |
| 74  | 83           | 83            |               |
| 75  | 84           | 84            |               |
| 76  | 85           | 85            |               |
| 77  | 86           | 86            |               |
| 78  | 87           | 87            |               |
| 79  | 88           | 88            |               |
| 80  | 89           | 89            |               |
| 81  | 90           | 90            |               |
| 82  | 91           | 91            |               |
| 83  | 92           | 92            |               |
| 84  | 93           | 93            |               |
| 85  | 94           | 94            |               |
| 86  | 95           | 95            |               |
| 87  | 96           | 96            |               |
| 88  | 97           | 97            |               |
| 89  | 98           | 98            |               |
| 90  | 99           | 99            |               |
| 91  | 100          | 100           |               |
| 92  | 101          | 101           |               |
| 93  | 102          | 102           |               |
| 94  | 103          | 103           |               |
| 95  | 104          | 104           |               |
| 96  | 105          | 105           |               |
| 97  | 106          | 106           |               |
| 98  | 107          | 107           |               |
| 99  | 108          | 108           |               |
| 100 | 109          | 109           |               |
| 101 | 110          | 110           |               |
| 102 | 111          | 111           |               |
| 103 | 112          | 112           |               |
| 104 | 113          | 113           |               |
| 105 | 114          | 114           |               |
| 106 | 115          | 115           |               |
| 107 | 116          | 116           |               |
| 108 | 117          | 117           |               |
| 109 | 118          | 118           |               |

September 1755

Jupiter  
sets.  
Venus  
rises.

New Moon the 6th day, at 8 in the morn.

First Quarter the 12th day, at midnight.

Full Moon the 20th day, at 11 forenoon

Last Quarter the 28th day, at 3 afternoon.

1 7A 21 3M 4  
6 7 5 3 5  
11 6 49 4 1  
16 6 32 4 3  
21 6 16 4 5  
26 6 0 5

**Holy-Days,** **Moon** **Moon's** **Moon's** **Aspects and**  
**Orises & sets.** **rises.** **Place.** **Declin.** **Weather.**

|    |   |                  |         |                    |     |      |                 |
|----|---|------------------|---------|--------------------|-----|------|-----------------|
| 1  | M | Day de. 3 11     | Morn.   | 7 <sup>26</sup> 57 | 18  | N 12 |                 |
| 2  | T | London burnt     | 0 40    | 20 45              | 17  | 24   | High winds,     |
| 3  | W | 1666, O. S.      | 1 42    | 3 <sup>Ω</sup> 55  | 15  | 37   | with            |
| 4  | T | Sun rise 5 20    | 2 50    | 17 29              | 12  | 53   | frequent        |
| 5  | F | Sun set 6 37.    | 4 3     | 1 <sup>m</sup> 25  | 9   | 24   | showers.        |
| 6  | S | Dog-days end     | D sets  | 15 40              | 5   | 17   |                 |
| 7  | E | 15 S. aft. Trin. | 7 A 9   | 0 <sup>u</sup> 10  | 0   | 46   |                 |
| 8  | M | Nat. B. V. M     | 7 37    | 14 48              | 3 S | 49   |                 |
| 9  | T |                  | 8 8     | 29 28              | 8   | 10   |                 |
| 10 | W | Cl. flow 3 m.    | 8 45    | 14 <sup>m</sup> 5  | 12  | 1    | Fair and        |
| 11 | T | Day br. 3 26.    | 9 22    | 28 31              | 15  | 4    | pleasant        |
| 12 | F | Sun rise 5 37.   | 10 8    | 12 <sup>f</sup> 45 | 17  | 10   | about this      |
| 13 | S | Sun set 6 20.    | 10 58   | 26 45              | 18  | 12   | time.           |
| 14 | E | 16 S. aft. Trin. | Morn.   | 10 <sup>h</sup> 29 | 18  | 6    | Holy Cross-day. |
| 15 | M |                  | 0 1     | 23 57              | 17  | 1    |                 |
| 16 | T | Cl. flow 5 m.    | 1 5     | 7 <sup>m</sup> 10  | 15  | 1    |                 |
| 17 | W | Ember Week.      | 2 13    | 20 9               | 12  | 17   | ♂ ☉ ♀. □ ♀ ♂    |
| 18 | T | Sun rise 5 50.   | 3 22    | 2 <sup>x</sup> 53  | 9   | 0    |                 |
| 19 | F | Sun set 6 7.     | 4 27    | 15 25              | 5   | 21   | ♂ ♀ ♂ Windy,    |
| 20 | S |                  | D rises | 27 45              | 1   | 33   | □ ♂ ♀ though    |
| 21 | E | 17 S. aft. Trin. | 6 A 43  | 9 <sup>r</sup> 55  | 2 N | 17   | St. Matthew.    |
| 22 | M | Day br. 3 54.    | 7 6     | 21 56              | 6   | 0    | ♂ ☉ ♀ not       |
| 23 | T | Equal D. & N.    | 7 30    | 3 <sup>8</sup> 51  | 9   | 24   | much wet.       |
| 24 | W | Cl. flow 8 m.    | 7 58    | 15 42              | 12  | 25   | Δ ♀ ♀           |
| 25 | T | Sun rise 6 4.    | 8 30    | 27 33              | 14  | 56   | □ ☉ ♂           |
| 26 | F | St. Cyprian      | 9 5     | 9 <sup>II</sup> 26 | 16  | 47   |                 |
| 27 | S |                  | 9 48    | 21 25              | 17  | 56   | Some            |
| 28 | E | 18 S. aft. Trin. | 10 38   | 3 <sup>26</sup> 35 | 18  | 19   | showers at      |
| 29 | M | Sun set 5 47.    | 11 33   | 16 0               | 17  | 49   | the end.        |
| 30 | T | St. Jerome.      | Morn.   | 28 44              | 16  | 26   |                 |



Venus  
rises.  
3 M4  
3 5  
4 1  
4 3  
4 5  
5 8

| Wing. | Day | Saturn<br>R Decl. | Jupiter<br>m Dec. | Mars<br>II Decl | Venus<br>Ω Decl |
|-------|-----|-------------------|-------------------|-----------------|-----------------|
|       | 1   | 22 31 21 S        | 51 24 34 3 N      | 10 19 10 22 N   | 35 23 47 18 N   |
|       | 6   | 22 20 21 53       | 25 37 2 45        | 22 3 22 54      | 29 58 12 39     |
| Sept. | 11  | 22 12 21 55       | 26 42 2 19        | 24 51 23 8      | 6m 9 11 46      |
|       | 16  | 22 5 21 56        | 27 46 1 53        | 27 34 23 20     | 12 21 8 12      |
| 1755. | 21  | 22 2 21 57        | 28 51 1 27        | 00 10 23 27     | 18 35 5 41      |
|       | 26  | 22 1 21 58        | 29 56 1 2         | 2 39 23 33      | 24 49 3 23      |

| ☿ | Sun's<br>Place. | Sun's<br>Declin. |
|---|-----------------|------------------|
|---|-----------------|------------------|

## Observations.

|      |       |       |  |
|------|-------|-------|--|
| 1    | 8m 36 | 8N 21 |  |
| 2    | 9 35  | 8     | 0 Fomalhaut south at midnight.               |
| 3    | 10 33 | 7 38  | Pegasus's Upper Wing south at midnight       |
| 4    | 11 31 | 7 15  | Day 13 h. 18 m. long.                        |
| 5    | 12 29 | 6 53  |  |
| 6    | 13 28 | 6 31  | The Sun eclipsed, invis at 8 in the morn.    |
| E 14 | 26    | 6 8   | Day decreased 3 h. 36 m.                     |
| 8    | 15 24 | 5 46  |  |
| 9    | 16 23 | 5 23  | ☿ in Perig. nearest to the Earth.            |
| 10   | 17 21 | 5 0   | The Whale's jaw south 33 m. past 3 morn      |
| 11   | 18 20 | 4 37  | Markab south half an hour past 11 at night   |
| 12   | 19 18 | 4 14  |  |
| 13   | 20 17 | 3 51  | Saturn sets half an hour before 1 morning.   |
| E 21 | 15    | 3 28  | Mars rises at 10 at night.                   |
| 15   | 22 14 | 3 5   |  |
| 16   | 23 12 | 2 42  |  |
| 17   | 24 11 | 2 10  | even Stars rise 39 m. past 7 at night.       |
| 18   | 25 10 | 1 56  | Day 12 h. 22 m. long.                        |
| 19   | 26 9  | 1 32  | Aldebaran south 37 m. past 4 in the morn.    |
| 20   | 27 7  | 1 9   | The Moon eclipsed, invisible at 11 morn.     |
| E 28 | 6     | 0 45  | Markab south at 11 at night.                 |
| 22   | 29 5  | 0 22  |  |
| 23   | 28 4  | 0 S   | 1 Sun enters ♈ 27 m. after 10 in the morning |
| 24   | 1 3   | 0 25  | ☿ in Apog. furthest from the Earth, the      |
| 25   | 2 2   | 0 48  | 23d day.                                     |
| 26   | 3 0   | 1 12  | Saturn sets 26 m. past 11 at night.          |
| 27   | 3 59  | 1 35  | Markab south 35 m. after 10 at night.        |
| E 4  | 58    | 1 59  | Mars rises 39 m. past 9 at night.            |
| 28   | 5 58  | 2 22  |  |
| 30   | 6 57  | 2 46  |  |

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October 1755.

| Day | Jupiter<br>rises. | Venus<br>rises. |
|-----|-------------------|-----------------|
| 1   | 5M30              | 5M25            |
| 6   | 5 17              | 5 44            |
| 11  | 5 5               | 6 1             |
| 16  | 4 52              | 6 19            |
| 21  | 4 40              | 6 37            |
| 26  | 4 27              | 6 54            |

New Moon the 5th day, at 6 at night.  
 First Quarter 12th day, at 8 in the morning  
 Full Moon the 20th day, at 5 in the morning.  
 Last Quarter the 28th day, at 7 in the morn

| W  | D | Holy-Days,<br>☉ rises & sets | Moon<br>rises | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather. |
|----|---|------------------------------|---------------|------------------|-------------------|-------------------------|
| 1  | W | Remigius.                    | 0M38          | 11Ω52            | 14N               | ☉ ☿ ♀                   |
| 2  | T | Sun rise 6 19                | 1 49          | 25 25            | 11                | ☉ Flying                |
| 3  | F | Sun set 5 38                 | 3 2           | 9M25             | 7                 | ☉ ☿ ♀                   |
| 4  | S | Day br. 4 23                 | 4 21          | 23 50            | 2                 | ☉ clouds with           |
| 5  | E | 19S.aft. Trin.               | D sets        | 8△37             | 1S                | ☉ 52 rain,              |
| 6  | M | Faith Virg.                  | 6 A17         | 23 37            | 6                 | ☉ ☿ ♀ or hail.          |
| 7  | T | Cl. flow 12 m.               | 6 50          | 8M43             | 10                | ☉ 43                    |
| 8  | W |                              | 7 27          | 23 44            | 14                | ☉ 11                    |
| 9  | T | St. Dennis.                  | 8 12          | 8♄33             | 16                | ☉ 43                    |
| 10 | F | O. Mich.-day.                | 9 3           | 23 11            | 18                | ☉ 5                     |
| 11 | S | Day decr. 6 h                | 10 1          | 7♄7              | 18                | ☉ High                  |
| 12 | E | 20S.aft. Trin.               | 11 5          | 20 49            | 17                | ☉ 20 winds, with        |
| 13 | M | Sun rise 6 42.               | Morn.         | 4☿9              | 15                | ☉ 37 stormy             |
| 14 | T | Sun set 5 15.                | 0 13          | 17 9             | 13                | ☉ 2 weather.            |
| 15 | W | Cl. flow 14 m.               | 1 20          | 29 51            | 9                 | ☉ ☉ ☿ ♀ Δ ☿             |
| 16 | T |                              | 2 28          | 12X19            | 6                 | ☉ 19                    |
| 17 | F | Etheld. Cl.                  | 3 35          | 24 35            | 2                 | ☉ 33                    |
| 18 | S | St. Luke.                    | 4 43          | 6☿41             | 1N                | ☉ 16                    |
| 19 | E | 21S.aft. Trin.               | 5 46          | 18 41            | 5                 | ☉ 1 More mild           |
| 20 | M | Sun rise 6 56.               | D rises       | 0836             | 8                 | ☉ 32 and tem-           |
| 21 | T | Sun set 5 3.                 | 6 A 7         | 12 28            | 11                | ☉ 40 perate.            |
| 22 | W | K. Geo. II. ca               | 6 36          | 24 18            | 14                | ☉ 22                    |
| 23 | T | Day br. at 5.                | 7 10          | 6II10            | 16                | ☉ 27                    |
| 24 | F |                              | 7 51          | 18 4             | 17                | ☉ 49 * ☿ ♀              |
| 25 | S | Crispin.                     | 8 35          | 0☿4              | 18                | ☉ 26                    |
| 26 | E | 22S.aft. Trin.               | 9 30          | 12 13            | 18                | ☉ 12 Variable and       |
| 27 | M | Cl. flow 16 m.               | 10 29         | 24 35            | 17                | ☉ 7 uncertain           |
| 28 | T | S. Sim. & Jude.              | 11 34         | 7Ω14             | 15                | ☉ 11 ☉ ☿ ♀              |
| 29 | W | Sun rise 7 14.               | Morn.         | 20 13            | 12                | ☉ 24 weather            |
| 30 | T | Sun set 4 43                 | 0 45          | 3M37             | 8                 | ☉ 56 at the end.        |
| 31 | F |                              | 1 59          | 17 28            | 4                 | ☉ 51                    |

| Wing. | Days  | Saturn<br>♄ Decl. | Jupiter<br>♃ Dec. | Mars<br>♂ Decl. | Venus<br>♀ Decl. |
|-------|-------|-------------------|-------------------|-----------------|------------------|
|       | 1 22  | 2 21 S 58 1       | 1 0 N 36          | 5 2 23 N 36     | 1 3 0 N 53       |
|       | 6 22  | 5 21 57 2         | 6 0 11            | 7 17 23 38      | 7 18 1 S 38      |
| Oct.  | 11 22 | 12 21 56 3        | 10 0 S 15         | 9 22 23 39      | 13 33 4 9        |
| 1755. | 16 22 | 20 21 56 4        | 14 0 40           | 11 17 23 39     | 19 49 6 38       |
|       | 21 22 | 31 21 54 5        | 16 1 4            | 13 3 23 39      | 26 4 9 3         |
|       | 26 22 | 45 21 52 6        | 18 1 28           | 14 35 23 40     | 2 11 25          |

| ☾    | Sun's<br>Place. | Sun's<br>Declin. | Observations.                                 |
|------|-----------------|------------------|---|
| 1    | 7 56            | 3 S              | 9 Aldebaran south 50 m. past 3 in the morn    |
| 2    | 8 55            | 3 32             |   |
| 3    | 9 54            | 3 56             |   |
| 4    | 10 53           | 4 19             | Pegasus's Upper Wing so. 7 m. past 10 night.  |
| E 11 | 53 4            | 4 42             | Saturn sets 55 m. after 10 at night.          |
| 6    | 12 52           | 5 5              | Mars rises 25 m. past 9 at night.             |
| 7    | 13 51           | 5 28             | D in Perig. nearest to the Earth.             |
| 8    | 14 51           | 5 52             | Seven Star's south 35 m. past 2 in the morn   |
| 9    | 15 50           | 6 15             |   |
| 10   | 16 49           | 6 37             | Cambridge Term begins.                        |
| 11   | 17 49           | 7 0              |   |
| E 18 | 48 7            | 23               | Pray let not Envy, Rage, nor Lust, nor Pride; |
| 13   | 19 48           | 7 45             | Nor dire Revenge your Actions ever guide.     |
| 14   | 20 47           | 8 8              | The Eagle scorns to fall down from on high.   |
| 15   | 21 47           | 8 30             | As Proverb saith, to catch the little Fly.    |
| 16   | 22 47           | 8 52             |   |
| 17   | 23 46           | 9 15             | Mars rises 3 m. past 9 at night.              |
| 18   | 24 46           | 9 37             | Markab south 17 m. past 9 at night.           |
| E 25 | 46 9            | 58               | Saturn sets 4 m. after 10 at night.           |
| 20   | 26 46           | 10 20            |   |
| 21   | 27 45           | 10 42            | Folmahaut south at 9 at night. D in Apog      |
| 22   | 28 45           | 11 3             | Markab south 4 m. past 9 at night.            |
| 23   | 29 45           | 11 24            | Sun enters ♍ 13 m. after 6 at night.          |
| 24   | 11 45           | 11 45            |   |
| 25   | 1 45            | 12 6             | Day 9 h. 44 m. long.                          |
| E 2  | 45 12           | 27               | Markab south 49 m. past 8 at night.           |
| 27   | 3 45            | 12 47            | Seven Stars south 24 m. past 1 in the morn.   |
| 28   | 4 45            | 13 8             |   |
| 29   | 5 45            | 13 28            | Aldebaran south 10 m. past 2 in the morn.     |
| 30   | 6 45            | 13 48            |   |
| 31   | 7 45            | 14 7             |   |

# November 1755.

Days Jupiter rises. Ven sets

New Moon the 4th day, at 3 in the morn.  
First Quarter the 10th day, at 8 at night.  
Full Moon the 18th day, at 10 at night.  
Last Quarter the 26th day, at 9 at night.

|    |   |    |    |   |   |
|----|---|----|----|---|---|
| 1  | 4 | M  | 11 | 4 | A |
| 6  | 3 | 57 | 4  |   |   |
| 11 | 3 | 42 | 4  |   |   |
| 16 | 3 | 27 | 4  |   |   |
| 21 | 3 | 11 | 4  |   |   |
| 26 | 2 | 55 | 4  |   |   |

| W. T. | Holy-Days,<br>O rises & sets. | Moon<br>rises. | Moon's<br>Place. | Moon's<br>Declin. | Aspects and<br>Weather. |
|-------|-------------------------------|----------------|------------------|-------------------|-------------------------|
| 1     | S All Saints-day              | 3 M 18         | 1 49             | 0 N 10            |                         |
| 2     | E 23 S. aft. Trin.            | 4 37           | 16 30            | 4 S 21            | Pr Orange               |
| 3     | M                             | 6 1            | 1 m 43           | 8 51              |                         |
| 4     | T Day br. 5 22.               | D sets 17      | 2 12             | 48                | Dark and                |
| 5     | W Papist Consp.               | 6 A 4          | 2 21             | 53                | oggy                    |
| 6     | Th Term begins.               | 6 53           | 17 28            | 17 49             | weather about           |
| 7     | F Pr. H-Fred. b.              | 7 51           | 2 14             | 18 32             | his time.               |
| 8     | S Day de. 7h 52'              | 8 55           | 16 34            | 18                |                         |
| 9     | E 24 S. aft. Trin.            | 10 2           | 0 24             | 16 26             |                         |
| 10    | M K. Geo. II. b.              | 11 10          | 13 46            | 13 58             | Δ O δ                   |
| 11    | T Martinmas.                  | Morn           | 26 42            | 10 5              | * 4 ♀                   |
| 12    | W Sun rise 7 41.              | 0 20           | 9 18             | 7 22              | * 1 ♀ Sharp             |
| 13    | Th Witius, Bp                 | 1 27           | 21 37            | 3 3               | ir, inclinable          |
| 14    | F                             | 2 32           | 3 44             | 0 N 14            | o frost                 |
| 15    | S Bachutus.                   | 3 37           | 15 42            | 4 1               |                         |
| 16    | E 25 S. aft. Trin.            | 4 41           | 27 36            | 7 38              | * O h                   |
| 17    | M Sun rise 7 49.              | 5 44           | 9 8              | 27 10             | 5                       |
| 18    | T Sun set 4 8.                | D rises 21     | 17 13            | 47                |                         |
| 19    | W Cl. flow 14 m.              | 5 A 11         | 3 9              | 16 4              | Wind,                   |
| 20    | Th Con. K. and M.             | 5 48           | 15 5             | 17 40             | with frequent           |
| 21    | F Day 8 h. 8 m.               | 6 30           | 27 5             | 18 30             | 6 ♀ ♀                   |
| 22    | S                             | 7 20           | 9 11             | 18 31             | howers                  |
| 23    | E 26 S. aft. Trin.            | 8 17           | 21 25            | 17 41             | Clemen. & O             |
| 24    | M Cl. flow 13 m               | 9 18           | 3 50             | 16 0              | of rain.                |
| 25    | T Pr. W.-He. b.               | 10 25          | 16 28            | 13 31             | Catherine, V.           |
| 26    | W Sun rise 8 2.               | 11 36          | 29 22            | 10 19             |                         |
| 27    | T Sun set 3 56.               | Morn. 12       | 12 38            | 6 3               | * 2 ♀ Rain              |
| 28    | F Term ends.                  | 0 50           | 26 17            | 2 16              | and windy               |
| 29    | S                             | 2 6            | 10 23            | 2 S 1             | * 1 ♀ weather           |
| 30    | E Advent Sund.                | 3 25           | 24 55            | 6 4               | S. Andrew, Ph.D.        |



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| Wing. | Days  | Saturn<br>♄   Decl | Jupiter<br>♃   Dec. | Mars<br>♂   Decl. | Venus<br>♀   Decl |
|-------|-------|--------------------|---------------------|-------------------|-------------------|
| Nov.  | 1 23  | 3 21 S 49          | 7 31 S 57           | 16 9 23 N 42      | 9 52 14 S 3       |
| 1755  | 6 23  | 21 21 47           | 8 31 2 20           | 17 11 23 47       | 16 3 16 8         |
|       | 11 23 | 42 21 43           | 9 28 2 41           | 17 55 23 54       | 22 25 18 0        |
|       | 16 24 | 42 21 39           | 10 24 3 3           | 18 22 24 3        | 28 42 19 40       |
|       | 21 24 | 28 21 34           | 11 18 3 24          | 18 R 29 24 16     | 4 59 21 8         |
|       | 26 24 | 53 21 30           | 12 10 3 44          | 18 15 24 32       | 11 16 22 20       |

| Sun's<br>Place. | Sun's<br>Declin. | Observations.                               |
|-----------------|------------------|---|
| 1 8m 45         | 14 S 27          |   |
| 9 46            | 14 46            | (Sun  |
| 10 46           | 15 5             | ♂ Elong Max. 22° 57'. sets 45 m. after the  |
| 11 46           | 15 24            | ♂ in Perig. nearest to the Earth.           |
| 12 46           | 15 42            | Mirach south 12 m. past 10 at night.        |
| 13 47           | 15 c             | Pole Star south 56 m. after 9 at night.     |
| 14 47           | 16 18            |   |
| 15 47           | 16 36            | Capella south 5 m. past 2 in the morning.   |
| 16 48           | 16 53            | Saturn sets 47 m. after 8 at night.         |
| 17 48           | 17 10            | Mars rises 55 m. past 7 at night.           |
| 18 49           | 17 27            | Pole Star south 34 m. after 9 at night.     |
| 19 49           | 17 43            |   |
| 20 50           | 18 c             | Bright * of ♀ sou. 34 m. after 10 at night. |
| 21 50           | 18 16            | Aldebaran south 6 m. after 1 in the morn.   |
| 22 51           | 18 31            | Seven Stars south 8 m. after midnight.      |
| 23 51           | 18 46            |   |
| 24 52           | 19 1             |   |
| 25 53           | 19 16            | ♂ in Apog. furthest from the Earth.         |
| 26 53           | 19 30            | Day 8 h. 14 m. long.                        |
| 27 54           | 19 44            | Mars rises 14 m. past 7 at night.           |
| 28 55           | 19 57            | Saturn sets 3 m. after 8 at night.          |
| 29 55           | 20 10            | Sun enters ♄ 5 m. past 2 in the afternoon.  |
| 1 56            | 20 23            |   |
| 2 57            | 20 35            | Capella south at 1 in the morning.          |
| 3 58            | 20 47            |   |
| 4 59            | 20 59            | Pole Star south 34 m. past 8 at night.      |
| 5 59            | 21 10            | Mirach south 40 m. after 8 at night.        |
| 6 59            | 21 20            | Saturn sets 36 m. past 7 at night.          |
| 7 59            | 21 31            | Mars rises 32 m. after 6 at night.          |
| 8 59            | 21 41            |   |

December 1755.

Days Jupiter rises. Venus sets.

New Moon the 3d day, at 1 in the aftern.

First Quarter the 10th day, at noon.

Full Moon the 18th day, at 5 in the aftern

Last Quarter the 26th day, at 9 in the morn.

|    |    |    |   |     |
|----|----|----|---|-----|
| 1  | 2M | 38 | 4 | A30 |
| 6  | 2  | 20 | 4 | 31  |
| 11 | 2  | 2  | 4 | 34  |
| 16 | 1  | 44 | 4 | 39  |
| 21 | 1  | 26 | 4 | 47  |
| 26 | 1  | 7  | 4 | 56  |

| M.D | W.D | Holy-Days, Orises & sets. | Moon rises. | Moon's Place. | Moon's Declin. | Aspects and Weather.  |
|-----|-----|---------------------------|-------------|---------------|----------------|-----------------------|
| 1   | M   | San rile 8 7.             | 4 145       | 9m 51         | 10 S 59        |                       |
| 2   | T   |                           | 6 5         | 45            | 314            | 33 Mild weather,      |
| 3   | W   |                           | 8 sets      | 10 2          | 17             | 8 the season          |
| 4   | Th  |                           | 5 A 21      | 25            | 33             | 18 30 considered.     |
| 5   | F   | Day br. at 6              | 6 26        | 10 13         | 29             | 18 32                 |
| 6   | S   | Nicolas B.                | 7 35        | 24            | 59             | 17 22 * O 4           |
| 7   | E   | 2 S. in Advent.           | 8 45        | 9             | 015            | 9                     |
| 8   | M   | Conc. B.V.M.              | 9 56        | 22            | 30             | 12 11                 |
| 9   | T   |                           | 11 6        | 5             | 32             | 8 42 * h 8 Cold       |
| 10  | W   |                           | Morn.       | 18            | 9              | 4 56 rain, or         |
| 11  | Th  |                           | 0 14        | 0             | 27             | 1 2 clear, about      |
| 12  | F   |                           | 1 19        | 12            | 32             | 2 N 50 this time.     |
| 13  | S   | Lucy, Virg.               | 2 23        | 24            | 28             | 6 33 □ 4 δ            |
| 14  | E   | 3 S. in Advent.           | 3 26        | 6             | 8              | 19 9 58               |
| 15  | M   |                           | 4 27        | 18            | 9              | 12 58 Dark, gloomy,   |
| 16  | T   | O Sapientia.              | 5 27        | 0             | 11             | 15 27 and foggy       |
| 17  | W   | Ember-Week.               | 6 26        | 11            | 58             | 17 19 weather.        |
| 18  | Th  |                           | D rises     | 24            | 0              | 18 25                 |
| 19  | F   |                           | 4 A 55      | 6             | 20             | 10 18 41              |
| 20  | S   |                           | 5 58        | 18            | 27             | 18 7                  |
| 21  | E   | 4 S. in Advent.           | 7 1         | 0             | 53             | 16 39 St. Thom. 8 δ ♀ |
| 22  | M   |                           | 8 5         | 13            | 29             | 14 21                 |
| 23  | T   |                           | 9 13        | 26            | 17             | 11 22                 |
| 24  | W   | Cl. with the ☉            | 10 24       | 9             | 17             | 7 45 Frost and        |
| 25  | Th  | Christm. Day.             | 11 36       | 22            | 33             | 3 41 * 4 8            |
| 26  | F   | St. Stephen.              | Morn.       | 6             | 7              | 0 S 40 snow,          |
| 27  | S   | St. John.                 | 0 51        | 20            | 1              | 5 4 towards           |
| 28  | E   | 1 S. aft. Christ.         | 2 6         | 4             | m 15           | 9 18 H. Innocents.    |
| 29  | M   |                           | 3 27        | 18            | 50             | 13 3 the end          |
| 30  | T   |                           | 4 45        | 3             | 1              | 39 16 2 8 O δ of      |
| 31  | W   | Wilbeffer.                | 5 59        | 18            | 38             | 17 59 the year.       |

| Wing. | Days | Saturn |       |    |    | Jupiter |       |   |    | Mars |       |    |    | Venus |       |    |    |
|-------|------|--------|-------|----|----|---------|-------|---|----|------|-------|----|----|-------|-------|----|----|
|       |      | ♄      | Decl. |    |    | ♃       | Decl. |   |    | ♂    | Decl. |    |    | ♀     | Decl. |    |    |
|       | 1    | 25     | 21    | 21 | Sz | 5       | 13    | 0 | 4  | S    | 3     | 17 | 39 | 24    | N     | 52 | 17 |
|       | 6    | 25     | 50    | 21 | 20 | 13      | 47    | 4 | 20 | 16   | 44    | 25 | 14 | 23    | 50    | 23 | 54 |
| Dec.  | 11   | 26     | 20    | 21 | 14 | 14      | 31    | 4 | 36 | 15   | 26    | 25 | 37 | ch    | 6     | 24 | 14 |
|       | 16   | 26     | 51    | 21 | 9  | 15      | 13    | 4 | 5  | 13   | 52    | 26 | 1  | 6     | 23    | 24 | 16 |
| 1755. | 21   | 27     | 24    | 21 | 3  | 15      | 51    | 5 | 5  | 12   | 5     | 26 | 22 | 12    | 39    | 23 | 57 |
|       | 26   | 27     | 57    | 20 | 57 | 16      | 25    | 5 | 17 | 10   | 8     | 26 | 42 | 18    | 56    | 23 | 23 |

| ☿ | Sun's  | Sun's   |
|---|--------|---------|
| ☿ | Place. | Declin. |

## Observations.

|    |    |   |    |    |    |   |   |
|----|----|---|----|----|----|---|---|
| 1  | 9  | † | 3  | 21 | 5  | 1 |   |
| 2  | 10 |   | 4  | 22 | 0  |   | D in Perig. nearest to the Earth.             |
| 3  | 11 |   | 5  | 22 | 9  |   | Pole Star south 4 m. past 8 at night.         |
| 4  | 12 |   | 6  | 22 | 17 |   |   |
| 5  | 13 |   | 7  | 22 | 25 |   |   |
| 6  | 14 |   | 8  | 22 | 32 |   | Seven Stars south 40 m. past 10 at night.     |
| 7  | 15 |   | 9  | 22 | 39 |   | Saturn sets 4 m. after 7 at night.            |
| 8  | 16 |   | 10 | 22 | 46 |   | Capella south at midnight.                    |
| 9  | 17 |   | 11 | 22 | 52 |   | Mars rises 32 m. past 5 at night.             |
| 10 | 18 |   | 12 | 22 | 57 |   |   |
| 11 | 19 |   | 13 | 23 | 3  |   | Pole Star south half an hour past 7 at night. |
| 12 | 20 |   | 14 | 23 | 7  |   | Mercury's greatest Matutine Elong. from       |
| 13 | 21 |   | 15 | 23 | 12 |   | the Sun 21° 13', rises 2 h. 1 m. before       |
| 14 | 22 |   | 16 | 23 | 15 |   | the Sun.                                      |
| 15 | 23 |   | 17 | 23 | 19 |   |   |
| 16 | 24 |   | 18 | 23 | 22 |   | Cambridge Term ends. D in Apog.               |
| 17 | 25 |   | 19 | 23 | 24 |   | Seven Stars south 52 m. after 9 at night.     |
| 18 | 26 |   | 21 | 23 | 26 |   | Capella south 13 m. past 11 at night.         |
| 19 | 27 |   | 22 | 23 | 27 |   |   |
| 20 | 28 |   | 23 | 23 | 28 |   |   |
| 21 | 29 |   | 24 | 23 | 29 |   | Day 7 h. 22 m. long.                          |
| 22 | 30 |   | 25 | 23 | 29 |   | Sun enters ♈ 9 m. after 2 in the morning.     |
| 23 | 1  |   | 26 | 23 | 29 |   |   |
| 24 | 2  |   | 27 | 23 | 28 |   | Saturn sets at 6 at night.                    |
| 25 | 3  |   | 29 | 23 | 26 |   | Mars rises near sun-set.                      |
| 26 | 4  |   | 30 | 23 | 24 |   | Pole Star south 22 m. past 6 at night.        |
| 27 | 5  |   | 31 | 23 | 22 |   | Capella south half an hour past 10 at night.  |
| 28 | 6  |   | 32 | 23 | 19 |   |   |
| 29 | 7  |   | 33 | 23 | 16 |   | Aldebaran south 47 m. past 9 at night.        |
| 30 | 8  |   | 35 | 23 | 12 |   | D in Perig. nearest the Earth.                |
| 31 | 9  |   | 36 | 23 | 8  |   |   |

# The Longitude of Mercury and Declination for the Year 1755.

| Days | Janua.  | February | March      | April    | May       | June     |
|------|---------|----------|------------|----------|-----------|----------|
| 1    | 18 2 26 | 3 =      | 18 23 53   | 5 V R 15 | 14 V 31   | 9 II 1   |
| 4    | 22 2    | 8        | 18 29 14   | 3        | 30 18 20  | 15 4     |
| 7    | 25 55   | 13       | 28 3 V 51  | 2        | 6 22 32   | 22 2     |
| 10   | 29 58   | 18       | 43 7 46    | 1        | 17 26 59  | 28 4     |
| 13   | 4 11    | 24       | 1 10 49    | 1 D 20   | 18 46     | 4 = 4    |
| 16   | 8 31    | 29       | 28 12 41   | 2        | 8 6 54    | 10 3     |
| 19   | 12 57   | 5 X      | 4 13 11    | 3        | 31 12 19  | 16 4     |
| 22   | 17 31   | 10       | 49 12 R 18 | 5        | 27 18 6   | 21 4     |
| 25   | 22 8    | 16       | 30 11 17   | 8        | 1 24 11   | 25 4     |
| 28   | 26 51   | 22       | 3 9 C 11   | 11       | 6 0 II 26 | 0 R 1    |
|      | July    | August   | Sept.      | Octob.   | Nov.      | Decem.   |
| 1    | 4 R 21  | 16 R 6   | 24 R 14    | 18 = 16  | 1 2 39    | 23 m R 5 |
| 4    | 8 3     | 13       | 46 29 37   | 23       | 3 4 47    | 23 D 4   |
| 7    | 11 17   | 11       | 23 5 14    | 27       | 40 7 2    | 24 5     |
| 10   | 14 6    | 9        | 25 10 56   | 2 m 12   | 9 9 47    |          |
| 13   | 16 28   | 8        | 7 16 41    | 6        | 40 9 45   | 0 4      |
| 16   | 18 13   | 7 D      | 53 22 14   | 11       | 3 9 R 6   | 3 3      |
| 19   | 19 21   | 8        | 46 27 42   | 15       | 13 6 50   | 7 2      |
| 22   | 19 48   | 10       | 39 3 = 2   | 19       | 26 3 19   | 11 2     |
| 25   | 19 R 30 | 13       | 45 8 14    | 23       | 2 29 m 10 | 5 4      |
| 28   | 18 28   | 17       | 48 13 20   | 27       | 10 5 50   | 20 4     |

## The Declination of Mercury to every Fifth Day.

| Days      | 1       | 6      | 11    | 16     | 21    | 26    |
|-----------|---------|--------|-------|--------|-------|-------|
| January   | 21 S 32 | 22 37  | 23 2  | 23 49  | 23 34 | 22 5  |
| February  | 21 S 18 | 19 17  | 16 38 | 13 29  | 9 34  | 5 1   |
| March     | 2 S 34  | 1 N 44 | 5 19  | 7 41   | 8 18  | 7 1   |
| April     | 5 N 20  | 1 51   | 0 6   | 0 S 30 | 0 12  | 1 N   |
| May       | 3 N 0   | 5 35   | 8 31  | 11 53  | 15 24 | 18 5  |
| June      | 22 N 23 | 24 24  | 25 16 | 25 C   | 23 56 | 22 1  |
| July      | 20 N 3  | 17 47  | 15 31 | 13 29  | 11 58 | 11 1  |
| August    | 11 N 22 | 3 21   | 14 22 | 15 56  | 16 50 | 16 3  |
| September | 14 N 42 | 11 54  | 8 24  | 4 31   | 0 36  | 3 S 1 |
| October   | 7 S 1   | 10 30  | 13 42 | 16 38  | 19 13 | 21 2  |
| November  | 23 S 13 | 24 13  | 24 16 | 23 15  | 21 3  | 18 4  |
| December. | 16 S 18 | 16 17  | 17 31 | 19 12  | 20 57 | 22 2  |



# W I N G.

## A

### PROGNOSTICATION,

For the Year of our  
LORD GOD, 1755.

An Explanation of the Characters made use of in  
this Almanack.

#### The Seven Planets and Five Aspects.

- ♄ Saturn
- ♃ Jupiter
- ♂ Mars
- ☉ The Sun
- ♀ Venus
- ☿ Mercury
- ☾ The Moon
- ♊ Conjunction
- ♋ Sextile
- ♌ Square
- ♍ Trine
- ♎ Opposition

Aspects.

#### The Twelve Signs.

- ♈ Aries
- ♉ Taurus
- ♊ Gemini
- ♋ Cancer
- ♌ Leo
- ♍ Virgo
- ♎ Libra
- ♏ Scorpio
- ♐ Sagittary
- ♑ Capricorn
- ♒ Aquarius
- ♓ Pisces

Lands surveyed, divided and inclosed, and Maps of  
the same correctly delineated. Also Timber and Pole  
Wood surveyed, valued and sold by *Vincent Wing* of  
*Pickworth*, in the County of *Rutland*.

Wing 1755.

I. A Compendious Chronology of Memorab  
Things since the Creation to this present  
Year.

| A.P.J. | before<br>Christ. |  | Year<br>since |
|--------|-------------------|--|---------------|
| 710    | 4004              | The Creation of the World              | 575           |
| 1766   | 2948              | Noah born                              | 470           |
| 2366   | 2348              | Noah's Flood began                     | 410           |
| 2481   | 2233              | The Babylonian Monarchy established    | 398           |
| 2718   | 1996              | Abraham born                           | 375           |
| 2986   | 1728              | Joseph sold into Egypt                 | 348           |
| 3143   | 1571              | Moses born                             | 333           |
| 3223   | 1491              | The Israelites Departure out of Egypt  | 324           |
| 3530   | 1184              | Troy taken and destroyed by the Greeks | 293           |
| 3710   | 1004              | Solomon's Temple built and dedicated   | 275           |
| 4126   | 588               | Jerusalem and the Temple destroyed     | 239           |
| 4176   | 538               | Daniel delivered from the Den of Lions | 239           |
| 4198   | 516               | The Temple of Jerusalem rebuilt        | 227           |
| 4391   | 323               | The Death of Alexander the Great       | 207           |
| 4710   | 4                 | The true Year of Christ's Birth        | 178           |
| 4714   | 0                 | The vulgar Year of Christ's Birth      | 172           |

| A.D. |  | Year |
|------|--|------|
| 33   | The Passion and Resurrection of Jesus Christ             | 172  |
| 70   | Jerusalem and the Temple destroyed by Titus              | 168  |
| 100  | St. John, the last of the Apostles, dies Dec. 20.        | 165  |
| 313  | Christianity triumphs under Constantine                  | 144  |
| 476  | Augustulus the last Roman Emperor deposed                | 127  |
| 606  | The wicked Phocas makes Pope Boniface Head of the Church | 114  |
| 608  | Mahomet broaches his Imposture at Mecca                  | 114  |
| 872  | Italy and Rome plundered by the Saracens                 | 88   |
| 1011 | Swain King of Denmark conquers England                   | 74   |
| 1066 | William Duke of Normandy conquers England                | 66   |
| 1110 | Arts and Sciences taught in Cambridge                    | 60   |
| 1119 | The first War between the French and English             | 61   |
| 1300 | The Mariners Compass invented                            | 47   |
| 1330 | The Canaries discovered by an English Ship               | 47   |
| 1380 | Gunpowder and the Use of Guns first found out            | 38   |
| 1453 | Constantinople taken from the Christians                 | 28   |

# Wing 1755

| A.D. |   | Year<br>since. |
|------|---|----------------|
| 1463 | The <i>Persians</i> conquered by <i>Tamerlane</i>   | 292            |
| 1500 | <i>Rome</i> plundered by the Duke of <i>Bourbon</i>                                       | 253            |
| 1517 | <i>Martin Luther</i> first disputed against Popery  | 238            |
| 1536 | <i>England</i> separated from the Church of <i>Rome</i>                                   | 219            |
| 1588 | The <i>Spanish Armado</i> defeated by the <i>English</i>                                  | 167            |
| 1603 | <i>Q. Eliz.</i> dies, <i>Mar. 24.</i> and <i>K. James I.</i> began                        | 152            |
| 1604 | Died of the Plague in <i>Lond.</i> in 2 Years 68,596                                      | 151            |
| 1605 | Gunpowder Treason, <i>Nov. 5.</i>   | 150            |
| 1613 | The New River Water brought to <i>London</i>  | 142            |
| 1618 | The excellent Sir <i>Walter Raleigh</i> beheaded  | 137            |
| 1625 | <i>K. James I.</i> died. <i>K. Charles I.</i> began, <i>Mar. 27.</i>                      | 130            |
| 1625 | 35,417 Persons died of the Plague in <i>London</i>  | 130            |
| 1641 | The cruel <i>Irish</i> Massacre began, <i>October 23.</i>                                 | 114            |
| 1643 | <i>Burleigh-house</i> stormed by <i>Cromwel</i> , <i>July 24.</i>                         | 112            |
| 1649 | <i>K. Charles I.</i> barbarously murdered, <i>Jan. 30.</i>                                | 106            |
| 1660 | King <i>Charles II.</i> restored, <i>May 29.</i>  | 95             |
| 1665 | 68,586 Persons died of the Plague in <i>London</i>  | 90             |
| 1666 | <i>London</i> burnt, and a great Sea-Fight with the<br><i>Dutch</i>                       | 89             |
| 1671 | War declared against the <i>Dutch</i> , <i>March 17.</i>                                  | 83             |
| 1674 | A great Snow for 11 Days together   | 81             |
| 1675 | The Town of <i>Northampton</i> burnt, <i>Sept. 3.</i>                                     | 80             |
| 1680 | A great and splendid Comet appeared   | 75             |
| 1684 | The great Frost that held 13 Weeks  | 71             |
| 1685 | <i>K. Cha. II.</i> died, <i>Feb. 6.</i> and <i>K. James II.</i> began                     | 70             |
| 1685 | The Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>                                     | 70             |
| 1688 | Seven Bishops sent to the Tower, <i>June 8.</i>   | 67             |
| 1688 | King <i>James II.</i> abdicated, <i>December 12.</i>                                      | 67             |
| 1689 | <i>K. William</i> and <i>Q. Mary</i> crown'd, <i>April 11.</i>                            | 66             |
| 1692 | The <i>French</i> Fleet intirely defeated by the<br><i>English</i>                        | 63             |
| 1698 | <i>Whitehall</i> Palace intirely destroyed by Fire,<br>except the <i>Banqueting-House</i> | 57             |
| 1702 | <i>K. William</i> died, <i>March 8.</i> and <i>Q. Anne</i> began                          | 53             |
| 1702 | <i>Q. Anne</i> proclaimed War against <i>France</i> , <i>May 4.</i>                       | 53             |
| 1703 | A great and terrible Wind, <i>Nov. 26.</i> and <i>27.</i>                                 | 52             |
| 1704 | <i>Gibraltar</i> taken by the <i>English</i>  | 51             |
| 1707 | <i>England</i> and <i>Scotland</i> united, <i>May 1.</i>                                  | 49             |
| 1709 | <i>Sacheverel</i> preached his seditious Sermon, <i>Nov. 5.</i>                           | 46             |

# Wing 1755.

| A.D. |  | Years<br>since. |
|------|--|-----------------|
| 1710 | Riots and great Disturbances in <i>England</i>   | 45              |
| 1714 | Q. <i>Anne</i> died, <i>Aug.</i> 1. and K. <i>George</i> I. began  | 41              |
| 1715 | A famous Total Eclipse of the ☉ in <i>England</i> ,<br><i>April</i> 22. in the Morning   | 40              |
| 1715 | A Rebellion in <i>Scotl.</i> and <i>Lancashire</i> suppressed  | 40              |
| 1716 | A great Frost in the Beginning of this Year  | 39              |
| 1718 | The <i>Spanish</i> Fleet destroyed by Admiral <i>Byng</i> ,<br>near <i>Syracusa</i> , <i>July</i> 31.  | 37              |
| 1719 | A surprizing Meteor seen, <i>March</i> 19, at 8 at<br>Night  | 36              |
|      | Mr. <i>Flamsteed</i> , a celebrated Astronomer, died<br><i>December</i> 31.  | 36              |
| 1727 | The incomparable Sir <i>Is.</i> <i>Newton</i> died <i>Mar.</i> 20.   | 28              |
| 1727 | K. <i>George</i> I. died, <i>June</i> 11, and K. <i>George</i> II.<br>began  | 28              |
| 1734 | The Prince and Princess of <i>Orange</i> married,<br><i>March</i> 14.  | 21              |
|      | The Battle of the <i>Breeches</i> in <i>Italy</i> , <i>Sept.</i> 4.  | 21              |
| 1736 | The Pr. and Princess of <i>Wales</i> married, <i>Ap.</i> 27.   | 19              |
| 1739 | Letters of Marque published in <i>London</i> against<br>the <i>Spaniards</i> , <i>July</i> 16.   | 16              |
| 1739 | War declared by <i>Great Britain</i> against <i>Spain</i> ,<br><i>October</i> 23.  | 16              |
| 1739 | <i>Porto-Bello</i> taken and destroyed by Admiral<br><i>Vernon</i> , <i>Nov.</i> 22.   | 16              |
| 1740 | A very severe Frost from <i>Dec.</i> 25. to <i>Feb.</i> 27.  | 15              |
| 1742 | A Comet appeared from <i>Feb.</i> 18. to <i>Mar.</i> 14  | 13              |
|      | A Conjunction of ♀ and ♃ <i>Aug.</i> 18. in ♎  | 13              |
| 1743 | A splendid Comet appeared from <i>Decemb.</i> 23.<br>to <i>February</i> 18. in ♋.  | 12              |
| 1744 | <i>March</i> 4. <i>France</i> declared War against <i>England</i><br>and <i>March</i> 31. <i>England</i> declared War against<br><i>France</i> .                     | 11              |
| 1745 | <i>Cape Breton</i> taken from the <i>French</i> , <i>June</i> 16.  | 10              |
| 1746 | The <i>Scotch</i> Highland Rebels defeated by his<br>Royal Highness the Duke of <i>Cumberland</i> ,<br>at <i>Culloden</i> , near <i>Inverness</i> , <i>April</i> 16. | 8               |
| 1748 | A General Peace, signed <i>Octob.</i> 7.   | 7               |



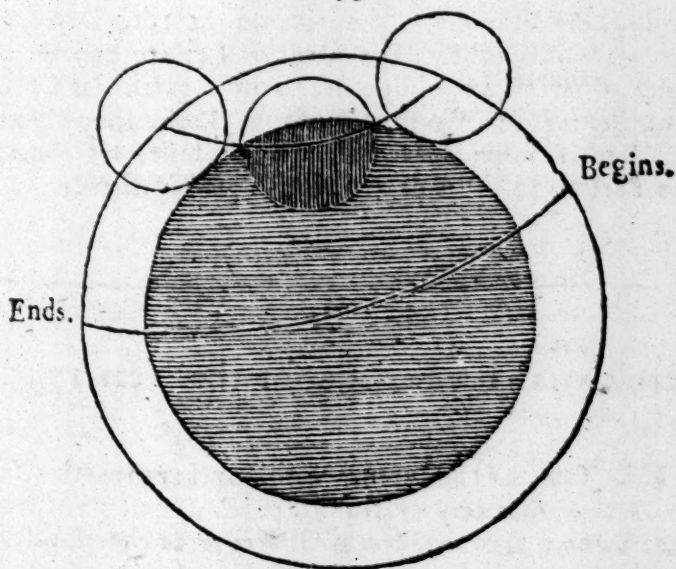
# Of the Eclipses of the Luminaries, and other Astronomical Phenomena this Year 1755.

Four Eclipses will happen this Year; two of the Sun, and two of the Moon; in the following Order.

**T**HE first is an invisible Eclipse of the Sun, on the 12th Day of March, at 10 o'Clock at Night: It may be called an *American* Eclipse, being both Central and Annular in some of the Northern Parts of that Continent.

The second Eclipse is of the Moon, and if the Air proves clear, will be visible to us, and most Parts of Europe; Part of it happens on the 27th Day of March at Night, and Part on the 28th in the Morning; according to the following Computation for the Meridian of *London*.

The Type.



|                 | H. | M. | S. |           |
|-----------------|----|----|----|-----------|
| The Beginning   | 11 | 16 | 39 | 27th Day. |
| Middle ———      | 0  | 33 | 44 | 28th Day. |
| Eclipse ☉ —     | 0  | 40 | 49 |           |
| End ———         | 1  | 50 | 49 |           |
| Duration ———    | 2  | 34 | 10 |           |
| Digits eclipsed | 7° | 0' | 0" |           |
|                 | B  | 2  |    |           |

Wing. 1755.

The third Eclipse is of the Sun, *September* the 6th, at 8 in the Morning; but invisible to us and all these Parts of the Globe, the Moon having great South Latitude.

The fourth and last Eclipse is of the Moon, on the 20th of *September*, at 11 in the Morning, consequently invisible to us.

Besides the Luminarian Eclipses, the Moon makes this Year several near Appulses to the noted fixed Star called *Aldebaran*; and will eclipse it several Times; particularly on the 19th Day of *February*, about 9 at Night.

Also it will again be eclipsed, on the 19th Day of *November*, near the Time of the Moon's Rising.

It will likewise be eclipsed again, on the 16th Day of *December* near Midnight. But Want of Leisure and the Impertunity of the Press, oblige me to omit particular Calculations, or Geometrical Constructions, of these curious Phenomena. But I hope to see them well done, by some ingenious Persons in some of the Monthly Miscellanies.

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### Astrological Predictions for the Year 1755.

**T**HE Time of the vernal Equinox happens this Year, on the 20th Day of *March*, 6 Min. past 10 at Night apparent Time: And ♀ being Governor of the Horoscope, in ♀ with ♀, and mundane parallel with ♄, cannot but incline Men's Minds to Thoughts of Peace, amicable Treaties, and Alliances.

But if we look back into the preceding Months, we shall find some Aspect amongst the celestial Wanderers, and Positions very different from the former.

For

For on the 13th Day of *February*. the warlike Planet  $\text{♃}$ , meets with  $\text{♅}$  in the tropical Sign  $\text{♊}$ ; a Conjunction that by all Astrologers accounted of a very malefick Influence.

And at the Lunation preceding this Congress, we find no less than five of the seven Planets, posited in the Horoscope; in a very ominous Position, portending great Unhappiness to Mankind. New Subjects of Contention arise amongst Princes; and the Time is approaching, which will produce remarkable Events, and unusual Calamities. The secret Designs of a certain Nation, will, in a little Time be discovered, which hitherto have been (in some Measure) with great Policy concealed. ——— When we see our Enemies prepare to Purpose. ——— Let us not dispute about Atoms.

A Table of the Eclipses of *Jupiter's* first Satellites, reduced to correct or apparent Time 1755.

| Immersion.      |    |    |    | Immersion.       |    |    |    | Emersions.    |    |    |    | Emersions.    |    |    |    |
|-----------------|----|----|----|------------------|----|----|----|---------------|----|----|----|---------------|----|----|----|
| <i>January.</i> |    |    |    | <i>February.</i> |    |    |    | <i>March.</i> |    |    |    | <i>April.</i> |    |    |    |
| D.              | H. | M. | S. | D.               | H. | M. | S. | D.            | H. | M. | S. | D.            | H. | M. | S. |
| 2               | 16 | 48 | 27 | 1                | 18 | 41 | 6  | 7             | 11 | 59 | 1  | 4             | 19 | 44 | 55 |
| 4               | 11 | 15 | 57 | 3                | 13 | 9  | 14 | 9             | 6  | 28 | 1  | 6             | 14 | 14 | 3  |
| 6               | 5  | 43 | 26 | 5                | 7  | 37 | 30 | 11            | 0  | 57 | 1  | 8             | 8  | 43 | 12 |
| 8               | 0  | 11 | 0  | 7                | 2  | 5  | 47 | 12            | 19 | 25 | 7  | 10            | 3  | 12 | 20 |
| 9               | 18 | 38 | 34 | 8                | 20 | 34 | 9  | 14            | 13 | 55 | 13 | 11            | 21 | 41 | 28 |
| 11              | 13 | 6  | 10 | 10               | 15 | 2  | 31 | 16            | 8  | 24 | 17 | 13            | 16 | 10 | 37 |
| 13              | 7  | 33 | 47 | 12               | 9  | 30 | 58 | 18            | 2  | 53 | 21 | 15            | 10 | 39 | 46 |
| 15              | 2  | 1  | 33 | 14               | 3  | 59 | 26 | 19            | 21 | 22 | 26 | 17            | 5  | 8  | 55 |
| 16              | 20 | 29 | 23 | 15               | 22 | 27 | 58 | 21            | 15 | 51 | 32 | 18            | 23 | 38 | 4  |
| 18              | 14 | 57 | 10 | 17               | 16 | 56 | 31 | 23            | 10 | 20 | 39 | 20            | 18 | 7  | 7  |
| 20              | 9  | 24 | 57 | 19               | 11 | 25 | 15 | 25            | 4  | 49 | 47 | 22            | 12 | 36 | 11 |
| 22              | 3  | 52 | 50 | 21               | 5  | 53 | 59 | 26            | 23 | 18 | 55 | 24            | 7  | 5  | 11 |
| 23              | 22 | 20 | 43 | 23               | 0  | 22 | 43 | 28            | 17 | 48 | 3  | 26            | 1  | 34 | 10 |
| 25              | 16 | 48 | 42 | 24               | 18 | 51 | 27 | 30            | 12 | 17 | 18 | 27            | 20 | 3  | 7  |
| 27              | 11 | 16 | 41 | 26               | 13 | 20 | 16 | <i>April</i>  |    |    |    | 29            | 14 | 32 | 3  |
| 29              | 5  | 44 | 49 | 28               | 7  | 49 | 6  | 1             | 6  | 46 | 34 | <i>May.</i>   |    |    |    |
| 31              | 0  | 12 | 58 |                  |    |    |    | 3             | 1  | 15 | 44 | 1             | 9  | 0  | 59 |

# Wing 1755.

| Emerfions. |    |    |    | Emerfions. |    |    |    | Emerfions.     |    |    |    | Immerfions. |    |    |    |
|------------|----|----|----|------------|----|----|----|----------------|----|----|----|-------------|----|----|----|
| May.       |    |    |    | June.      |    |    |    | Auguft.        |    |    |    | November.   |    |    |    |
| D.         | H. | M. | S. | D.         | H. | M. | S. | D.             | H. | M. | S. | D.          | H. | M. | S. |
| 3          | 3  | 29 | 55 | 27         | 0  | 14 | 32 | 19             | 2  | 33 | 18 | 8           | 10 | 31 | 10 |
| 4          | 21 | 58 | 47 | 28         | 18 | 42 | 50 | 20             | 21 | 2  | 10 | 10          | 4  | 59 | 10 |
| 6          | 16 | 27 | 39 | 30         | 13 | 11 | 13 | 22             | 15 | 31 | 18 | 11          | 23 | 27 | 28 |
| 8          | 10 | 56 | 33 | July.      |    |    |    | 24             | 10 | 0  | 20 | 13          | 17 | 55 | 32 |
| 10         | 5  | 25 | 27 | 2          | 7  | 39 | 36 | 26             | 4  | 29 | 24 | 15          | 12 | 23 | 36 |
| 11         | 23 | 54 | 10 | 4          | 2  | 8  | 6  | 27             | 22 | 58 | 28 | 17          | 6  | 51 | 36 |
| 13         | 18 | 22 | 54 | 5          | 20 | 36 | 36 | 29             | 17 | 27 | 33 | 19          | 1  | 19 | 36 |
| 15         | 12 | 51 | 37 | 7          | 15 | 4  | 59 | 31             | 11 | 56 | 37 | 20          | 19 | 47 | 29 |
| 17         | 7  | 20 | 20 | 9          | 9  | 33 | 22 | September.     |    |    |    | 22          | 14 | 15 | 21 |
| 19         | 1  | 49 | 0  | 11         | 4  | 1  | 45 | 2              | 6  | 25 | 50 | 24          | 8  | 43 | 9  |
| 20         | 20 | 17 | 39 | 12         | 22 | 30 | 8  | 4              | 0  | 55 | 3  | 26          | 3  | 0  | 56 |
| 22         | 14 | 46 | 16 | 14         | 16 | 58 | 36 | Conjunction    |    |    |    | 27          | 21 | 33 | 43 |
| 24         | 9  | 14 | 52 | 16         | 11 | 27 | 4  | of the Sun and |    |    |    | 29          | 16 | 6  | 30 |
| 26         | 3  | 43 | 29 | 18         | 5  | 55 | 34 | Jupiter, the   |    |    |    | December.   |    |    |    |
| 27         | 22 | 12 | 6  | 20         | 0  | 24 | 3  | 22d Day.       |    |    |    | 1           | 10 | 34 | 7  |
| 29         | 16 | 40 | 35 | 21         | 18 | 52 | 36 | Immerfions.    |    |    |    | 3           | 5  | 1  | 44 |
| 31         | 11 | 9  | 3  | 23         | 13 | 21 | 8  | October.       |    |    |    | 4           | 23 | 29 | 16 |
| June.      |    |    |    | 25         | 7  | 49 | 52 | 14             | 15 | 51 | 19 | 6           | 17 | 56 | 48 |
| 2          | 5  | 37 | 30 | 27         | 2  | 18 | 36 | 16             | 10 | 20 | 7  | 8           | 12 | 24 | 19 |
| 4          | 0  | 5  | 56 | 28         | 20 | 47 | 16 | 18             | 4  | 48 | 54 | 10          | 6  | 51 | 49 |
| 5          | 18 | 34 | 20 | 30         | 15 | 5  | 55 | 19             | 23 | 17 | 42 | 12          | 1  | 19 | 15 |
| 7          | 13 | 2  | 44 | Auguft.    |    |    |    | 21             | 17 | 46 | 29 | 13          | 19 | 46 | 41 |
| 9          | 7  | 31 | 7  | 1          | 9  | 44 | 39 | 23             | 12 | 15 | 7  | 15          | 14 | 14 | 11 |
| 11         | 1  | 59 | 29 | 3          | 4  | 13 | 23 | 25             | 6  | 43 | 44 | 17          | 8  | 41 | 41 |
| 12         | 20 | 27 | 48 | 4          | 22 | 42 | 9  | 27             | 1  | 12 | 16 | 19          | 3  | 9  | 4  |
| 14         | 14 | 56 | 7  | 6          | 17 | 10 | 55 | 28             | 19 | 40 | 48 | 20          | 21 | 36 | 26 |
| 16         | 9  | 24 | 35 | 8          | 11 | 39 | 44 | 30             | 14 | 9  | 14 | 22          | 16 | 3  | 49 |
| 18         | 3  | 53 | 2  | 10         | 6  | 8  | 32 | November.      |    |    |    | 24          | 10 | 31 | 12 |
| 19         | 22 | 21 | 20 | 12         | 0  | 37 | 33 | 1              | 8  | 37 | 39 | 26          | 4  | 58 | 39 |
| 21         | 16 | 49 | 37 | 13         | 19 | 6  | 33 | 3              | 3  | 6  | 3  | 27          | 23 | 26 | 6  |
| 23         | 11 | 17 | 55 | 15         | 13 | 35 | 26 | 4              | 21 | 34 | 26 | 29          | 17 | 53 | 28 |
| 25         | 5  | 46 | 13 | 17         | 8  | 4  | 19 | 6              | 16 | 2  | 48 | 31          | 12 | 20 | 49 |

From the Eclipses of *Jupiter's* Moons, we have this Advantage, that when they are observed in different Places of the Earth, the Longitude of Places, are by fuch Observations determined. But that this Method of finding the Longitude may



may be more easily understood, we must first lay down some few Principles.

If through the Poles of the Earth and any Place, there be drawn a great Circle upon its Surface, this Circle, by the Rotation of the Earth, will be turned round the Earth's Axis; and when the Plane of this Circle produced, passs through the Body of the Sun, all the Inhabitants which live under this Circle will then observe the Sun to come into their Meridian, and they will have Mid-day; from whence this Circle has the Name of a Meridian from the Latin Word *Meridies*, which signifies Mid day. Now if we imagine another Meridian placed more Westwardly, which with the former, makes an Angle of 15 Degrees, the Plane of this Meridian will pass through the Sun one Hour later than the former did; and therefore when the Inhabitants under this Meridian reckon Mid day, the Inhabitants under the first will reckon an Hour after Mid-day. If there be a Meridian which makes an Angle of 30 Degrees with the first we mentioned; then when they that live under this Meridian have Mid-day, those that live under the first will reckon Two of the Clock after Mid-day; and so for every 15 Degrees of the *Æquator*, which lies between the two Meridians, so many Hours more do they reckon who live under the more Eastern Meridian, than they who live under the Western. And after the same Manner for every Degree of the *Æquator* between Meridians, the Eastern People are four Minutes sooner in their Reckoning than the Western; and for every 15 Minutes of a Degree, they reckon 1 Minute in Time. As for Example, if the Arch of the *Æquator* between the two Meridians, consists of 85 Degrees, dividing 85 by 15, the Quotient  $5\frac{2}{3}$  shews that under the more Easterly Meridian they reckon the fifth Hour and forty Minutes, when they under the Western Meridian have Mid-day; and when the Eastern People have Mid-day, those to the West will reckon their Time to be about the 6th Hour and twenty Minutes in the Morning; and the Difference between the Hours, which are reckoned under these two Meridians, will always be  $5\frac{2}{3}$ . if the Arch of the *Æquator* intercepted between them be 85 Degrees.

On the contrary, having the Difference of the Hours which are reckoned under two different Meridians for the same Moment

Moment of Time, we shall by this Difference find the Arch of the *Æquator* intercepted between them; which Arch is called the Difference of Longitude of the Places under those Meridians, when the Longitudes are computed from one fixed and settled Meridian, which is called the first Meridian: And this Arch is found by multiplying the Difference of the Hours by 15, and the Product shews the Degrees. So likewise if the Minutes of Time be multiplied by 15, and the Product, if it exceed 60, be divided by 60, the Quotient and Residue will give the Degree and Minutes that are further to be added to the former, and which make up the Difference of Longitude of Places. For Example, suppose the Difference of the Hours to be 7 and 22 Minutes; 7 multiplied by 15 is 105, and 22 by 15 is 330 Minutes; which divided by 60, gives 5 Degrees 30 Minutes: And therefore the whole Difference of Longitude is 110 Degrees 30 Minutes.

Upon Land and firm Ground the Eclipses are easily observed; and if they could be as easily observed at Sea, the Art of Navigation would be brought almost to Perfection, and liable to no Errors in Computation; but at Sea the Motion and Tossings of the Ship, renders all Observations of such Eclipses impracticable. And therefore, if any could find a Method for determining the Longitude of a Ship at Sea at any Time, he would then oblige the Seamen with a Discovery, by them more desired than any Thing else in Navigation; and which would be so useful to the Publick, that the Parliament hath thought fit to allow a large Reward of 20000 Pounds to the Discoverer.

Upon which many, tempted by so great a Reward, have spent much Labour and Thought for to make the Discovery, but to no Purpose: For no Man has hitherto been able to lay hold on the Reward, though they have proposed many different Methods and Ways of attaining it. Many being much in love with their own Inventions, imagining that they had certainly found it, have demanded the Reward promised to the Discoverer; but yet most of these Men have been so ignorant that they have scarce known what it is to find the Longitude.

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Table of the Equation of natural Days exactly calculated for the Year 1755.

| Janu.  | Feb.  | March. | April   | May. | June |
|--------|-------|--------|---------|------|------|
| 4 5. 6 | 14 11 | 12 49  | 4 4     | 3 7  | 2 4  |
| 4 35   | 14 18 | 12 37  | 3 46    | 3 15 | 2 3  |
| 5 2    | 14 24 | 12 34  | 2 2     | 2 22 | 2 2  |
| 5 31   | 14 29 | 12 11  | 3 4     | 3 29 | 2 7  |
| 5 58   | 14 34 | 11 57  | 2 5     | 3 3  | 2 7  |
| 6 25   | 14 38 | 11 43  | 2 33    | 3 40 | 1 5  |
| 6 51   | 14 41 | 11 28  | 2 10    | 3 44 | 1 4  |
| 7 17   | 14 43 | 11 13  | 1 59    | 3 48 | 1 36 |
| 7 42   | 14 45 | 10 57  | 1 41    | 3 52 | 1 25 |
| 8 6    | 14 46 | 10 41  | 1 44    | 3 55 | 1 1  |
| 8 30   | 14 46 | 10 25  | 1 7     | 3 58 | 1 1  |
| 8 54   | 14 46 | 10 9   | 0 50    | 4 1  | 0 49 |
| 9 17   | 14 45 | 9 52   | 0 34    | 4 1  | 0 37 |
| 9 39   | 14 43 | 9 35   | 0 19    | 4 1  | 0 45 |
| 10 0   | 14 40 | 9 18   | 0 4     | 4 2  | 0 13 |
| 10 21  | 14 37 | 9 0    | 0 A. 11 | 4 2  | 0 8  |
| 10 41  | 14 33 | 8 42   | 0 26    | 4 2  | 0 12 |
| 11 1   | 14 28 | 8 24   | 0 40    | 4 1  | 0 25 |
| 11 20  | 14 22 | 8 6    | 0 54    | 3 59 | 0 38 |
| 11 38  | 14 15 | 7 47   | 1 8     | 3 56 | 0 51 |
| 11 55  | 14 8  | 7 29   | 1 22    | 3 53 | 1 4  |
| 12 11  | 14 0  | 7 11   | 1 35    | 3 50 | 1 1  |
| 12 27  | 13 52 | 6 52   | 1 48    | 3 46 | 1 30 |
| 2 4    | 13 43 | 6 33   | 2 0     | 3 4  | 1 43 |
| 12 5   | 13 33 | 0 15   | 2       | 3 35 | 1 55 |
| 13 9   | 13 23 | 5 56   | 2 2     | 3 29 | 2 8  |
| 13 21  | 13 12 | 5 37   | 2 31    | 3 23 | 2 21 |
| 13 33  | 13 1  | 5 18   | 2 40    | 3 16 | 2 34 |
| 13 44  |       | 5 0    | 2 49    | 3 9  | 2 46 |
| 13 54  |       | 4 41   | 2 58    | 3 1  | 2 58 |
| 14 3   |       | 4 23   |         | 2 53 |      |

the equal Time be given; and to, or subtract the tabular numbers from it, as directed by the Table, the Sum or Difference will be the correct or apparent Time.

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A Table of the Equation of natural Days, exactly calcula  
for the Year 1755.

|    | July.   | August. | Sept.   | October | Nov.  | De   |
|----|---------|---------|---------|---------|-------|------|
| 1  | 3 S. 10 | 5 48    | 0 A. 15 | 10 20   | 16 13 | 10   |
| 2  | 3 21    | 5 44    | 0 34    | 10 39   | 16 14 | 10   |
| 3  | 3 22    | 5 40    | 0 53    | 10 58   | 16 14 | 9    |
| 4  | 3 42    | 5 35    | 1 12    | 11 10   | 16 13 | 9    |
| 5  | 3 52    | 5 30    | 1 31    | 11 34   | 16 11 | 9    |
| 6  | 4 2     | 5 24    | 1 50    | 11 52   | 16 9  | 8    |
| 7  | 4 12    | 5 18    | 2 10    | 12 9    | 16 6  | 8    |
| 8  | 4 21    | 5 11    | 2 30    | 12 26   | 16 2  | 7    |
| 9  | 4 31    | 5 3     | 2 50    | 12 42   | 15 57 | 7    |
| 0  | 4 40    | 4 55    | 3 10    | 12 58   | 15 51 | 6    |
| 11 | 4 49    | 4 46    | 3 31    | 13 13   | 15 44 | 6    |
| 12 | 4 57    | 4 36    | 3 52    | 13 27   | 15 36 | 5    |
| 13 | 5 5     | 4 26    | 4 13    | 13 41   | 15 27 | 5    |
| 14 | 5 12    | 4 16    | 4 34    | 13 54   | 15 17 | 4    |
| 15 | 5 19    | 4 5     | 4 55    | 14 7    | 15 7  | 4    |
| 16 | 5 25    | 3 54    | 5 16    | 14 20   | 14 56 | 3    |
| 17 | 5 30    | 3 42    | 5 37    | 14 32   | 14 45 | 3    |
| 18 | 5 36    | 3 30    | 5 58    | 14 44   | 14 33 | 2    |
| 19 | 5 41    | 3 17    | 6 19    | 14 55   | 14 20 | 2    |
| 20 | 5 45    | 3 3     | 6 40    | 15 5    | 14 5  | 1    |
| 21 | 5 49    | 2 49    | 7 0     | 15 15   | 13 50 | 1    |
| 22 | 5 52    | 2 34    | 7 21    | 15 24   | 13 34 | 0    |
| 23 | 5 54    | 2 19    | 7 41    | 15 32   | 13 17 | 0    |
| 24 | 5 5     | 2 3     | 8 1     | 15 40   | 12 59 | 0 S. |
| 25 | 5 57    | 1 47    | 8 21    | 15 47   | 12 41 | 0    |
| 26 | 5 57    | 1 31    | 8 42    | 15 52   | 12 22 | 1    |
| 27 | 5 57    | 1 14    | 9 2     | 15 57   | 12 3  | 1    |
| 28 | 5 57    | 0 57    | 9 22    | 16 1    | 11 43 | 2    |
| 29 | 5 56    | 0 40    | 9 41    | 16 5    | 11 22 | 2    |
| 30 | 5 54    | 0 22    | 10 1    | 16 8    | 11 0  | 3    |
| 31 | 5 51    | 0 4     |         | 16 11   |       | 3    |

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Direction of the Table; the Sum or Difference will be the equal Time



Sir ISAAC NEWTON's Account of the Tides,  
taken from Dr. GREGORY.

Kepler was the first (that I know of) who discovered the true Cause of the Tide, and he explains it largely in his Introduction to the Physicks of the Heavens, given in his Commentaries on the Motion of the Planet *Mars*, where after he has shewn the Gravity or Gravitation of all Bodies towards one another, he thus writes: The Orb of the attracting Power, which is in the Moon, is extended as far as the Earth, and draws the Waters under the torrid Zone, acting upon Places where it is vertical, insensibly on included Seas or Bays, but sensibly on the Ocean, whose Beds are large, and the Waters have the Liberty of Reciprocation, that is, of Rising and Falling. And in the 70th Page of his Lunar Astronomy: But the Cause of the Tides of the Sea, appear to be the Bodies of the Sun and Moon drawing the Waters off the Sea. Afterwards that incomparable Philosopher, Sir Isaac Newton, improved the Hint, and wrote so amply upon this Subject, as to make the Theory of the Tides his own, by shewing that the Waters of the Sea rise under the Moon, and the Place opposite to it: For Kepler believed, that the Impetus, occasioned by the Presence of the Moon, does by the Absence of the Moon occasion another Impetus; till the Moon returning, stops, and moderates the Force of that Impetus, and carries it round with its Motion. Therefore this spheroidical Figure, which stands out above the Sphere (like two Mountains, the one under the Moon, and the other in the Place opposite to it) together with the Moon (which it follows) being carried round by the diurnal Motion, (or rather, according to the Truth of the Matter, as the Earth turns towards the East, it leaves those Eminences of Water, which being carried by their own Motion, slowly towards the East, are, as it were, at rest) in its Journey makes the Water swell twice, and sink twice, in the Space of 15 Hours, in which Time the Moon, being gone from the Meridian of any Place, returns to it again. But because the terrestrial Fluid

Fluid rises also in the Places where the Sun is in the Zenith or Nadir, though less than when the Moon is in those Places in the Conjunction and Opposition of the Luminaries, said Eminences of Water will also be joined, and the greatest Elevation will happen, when both the Luminaries are (at Conjunction) in or near the Zenith, or (at the Opposition) the one in the Zenith, and the other in the Nadir; also the greatest Depression will happen when the Luminaries are both in the Horizon, because the Water is then raised by the Forces, and now depressed by them. In the Quadratures of the Luminaries the Sun raises the Water where the Moon depresses it; and from the Differences of the Forces arises the least Elevation of the Water, and also the least Depression. Between the Syzygies and Quadratures of the Luminaries the Effects appear to be intermediate, as the Causes require they should.

If the Moon be in the *Æquinoctial Circle*, the two opposite Eminences of Water will be in the terrestrial *Æquator*, and each of them describing with its Motion that Circle of the Earth, will be more agitated, and therefore will be raised up higher against the Shore, when it reaches it; besides, since the Earth's Diameter is greater than any other Line, drawn through the Centre of the Earth, and terminating on either Side by its Surface, the Water will, by the Forces of the Luminaries, be raised (*ceteris paribus*) to a greater Heighth in that Circle, than any where else. And therefore, when the two Luminaries are in Conjunction or Opposition in the *Æquator*, they join their Forces to raise the Water in the terrestrial *Æquator*, which happens in the Syzygies near the *Æquinox*; that is, such as happen on the Months of *March* and *September*; the Tides, then produced will be the greatest and the most agitated, and the Tides which in the said Months happen in the Quadratures, will be the least of all, and the least agitated; as being the Effect of the Difference of the Forces of the Moon in its greatest inclination from the *Æquator*; (namely, when the Moon is in Quadrature to the Sun in the *Æquator*, and therefore at the solstitial Points of the *Zodiac*) and therefore produced

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the least, and least agitated Tide, and so, being the Occasion that the Sun, which has no Declination, produces its greatest and most agitated Tides; the contrary of which happens about the Solstices, when the least Tides happen whilst the Luminaries are in the Syzygies, (I mean the least of those that do happen in the Syzygies) and the greatest (taken in the same Sense) in the Quadratures.

Again, the Tides (*ceteris paribus*) are greatest when the Luminaries are in their Perigæum, and least when in their Apogæum; and as that happens to the Moon at the Time of every Lunation, but to the Sun only in Winter; this, joined with the former Causes, occasions the greatest Tides to happen in the Syzygies, and the least in the next Quadratures before the Vernal, and after the Autumnal Equinox.

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